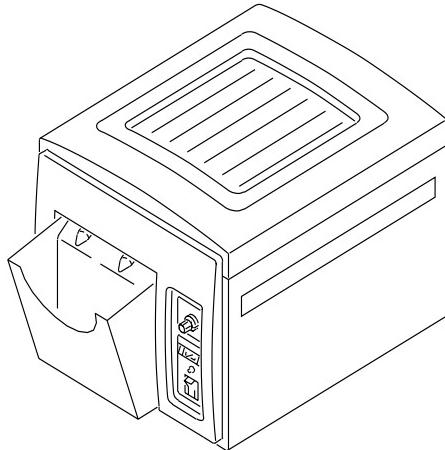


DIAGRAMS for the *Kodak X-Omat 2000/2000A PROCESSORS* Service Codes: 3554, 3555



Qualified service personnel must repair this equipment.



H172_0500AC



HEALTH IMAGING

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PLEASE NOTE

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This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

Table of Contents

Description	Page
<u>Electrical</u>	4
<u>2000 PROCESSOR</u>	4
<u>2000A PROCESSOR</u>	5
<u>CONTROL BOX - 2000 PROCESSOR, Serial No. 202847 and Below</u>	6
<u>CONTROL BOX - 2000 PROCESSOR, Serial No. 202848 and Above</u>	7
<u>CONTROL BOX - 2000A PROCESSOR, Serial No. 215799 and Below</u>	8
<u>CONTROL BOX - 2000A PROCESSOR, Serial No. 215800 and Above</u>	9
<u>Schematic</u>	10
<u>2000 PROCESSOR - Serial No. 202847 and Below</u>	10
<u>2000 PROCESSOR - Serial No. 202848 and Above</u>	11
<u>2000A PROCESSOR - Serial No. 215799 and Below</u>	12
<u>2000A PROCESSOR - Serial No. 215800 and Above</u>	13
<u>Developer Temperature Control System - 2000/2000A PROCESSORS</u>	14
<u>Replenishment Control System - 2000/2000A PROCESSORS</u>	15
<u>DRYER HEATER, Temperature Control System, and MAIN DRIVE MOTOR - 2000/2000A PROCESSORS</u>	16
<u>100 BOARD - 2000/2000A PROCESSORS</u>	17
<u>Block</u>	19
<u>Dryer Temperature Control System and MAIN DRIVE - 2000A PROCESSOR</u>	19
<u>Functional</u>	21
<u>2000/2000A PROCESSORS</u>	21
<u>Film Feeding - 2000/2000A PROCESSORS</u>	22
<u>Developer Temperature Control System - 2000/2000A PROCESSORS</u>	23
<u>Temperature Control System for the DRYER and MAIN DRIVE MOTOR - 2000/2000A PROCESSORS</u>	24

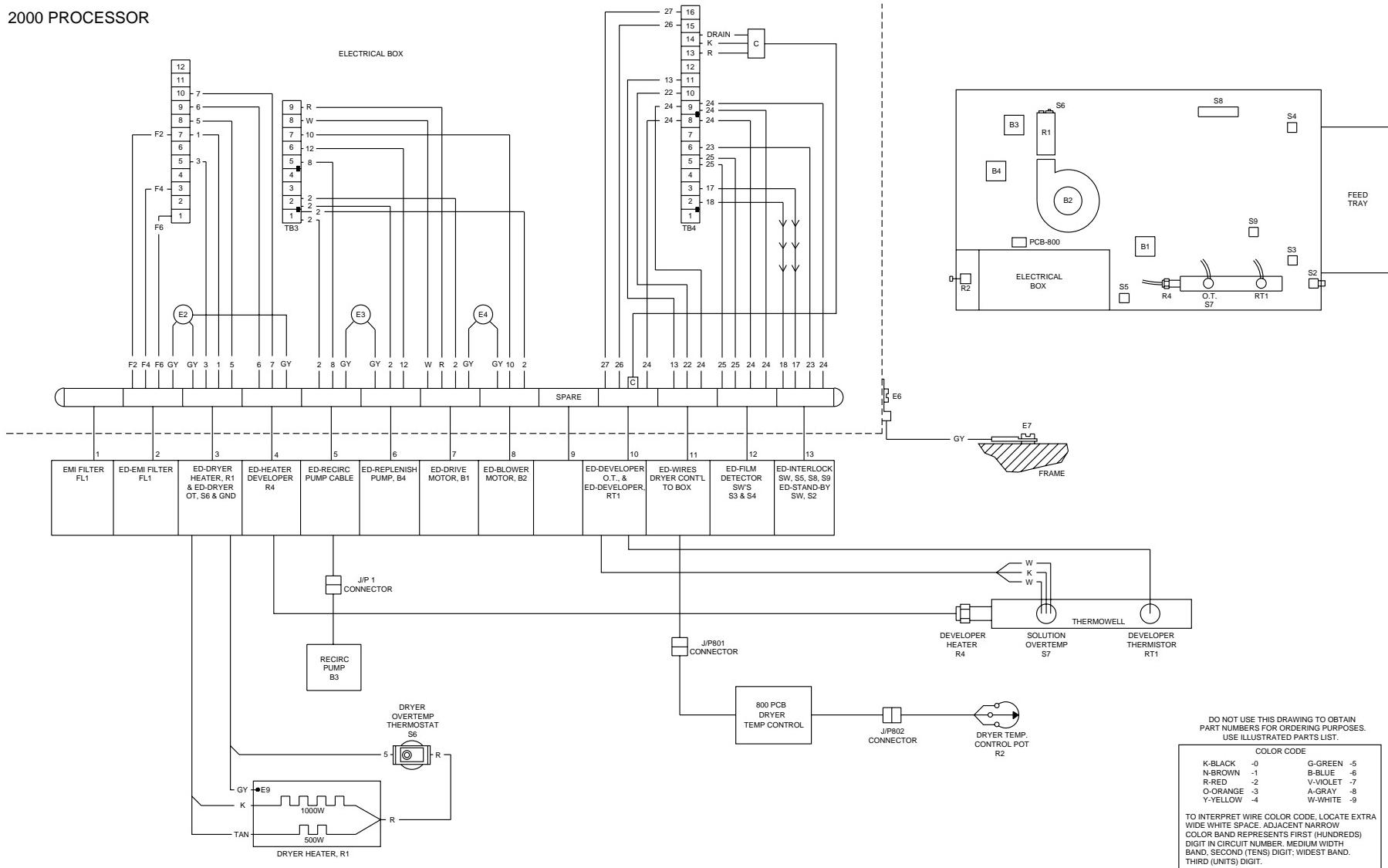
<u>Diagnostics</u>	25
<u>2000/2000A PROCESSORS</u>	25
<u>Replenishment Control System - 2000/2000A PROCESSORS</u>	26
<u>No Heat in the DRYER - 2000 PROCESSOR</u>	27
<u>No Heat in the DRYER - 2000A PROCESSOR</u>	28
<u>Malfunction of the BLOWER MOTOR or DRIVE MOTOR - 2000/2000A PROCESSORS</u>	29
<u>Malfunction of the BLOWER MOTOR - 2000/2000A PROCESSORS</u>	30
<u>Malfunction of the Developer Temperature Control System and the TEMPERATURE READY LIGHT - 2000/2000A PROCESSORS</u>	31

DIAGRAMS

Section 1: Electrical

2000 PROCESSOR

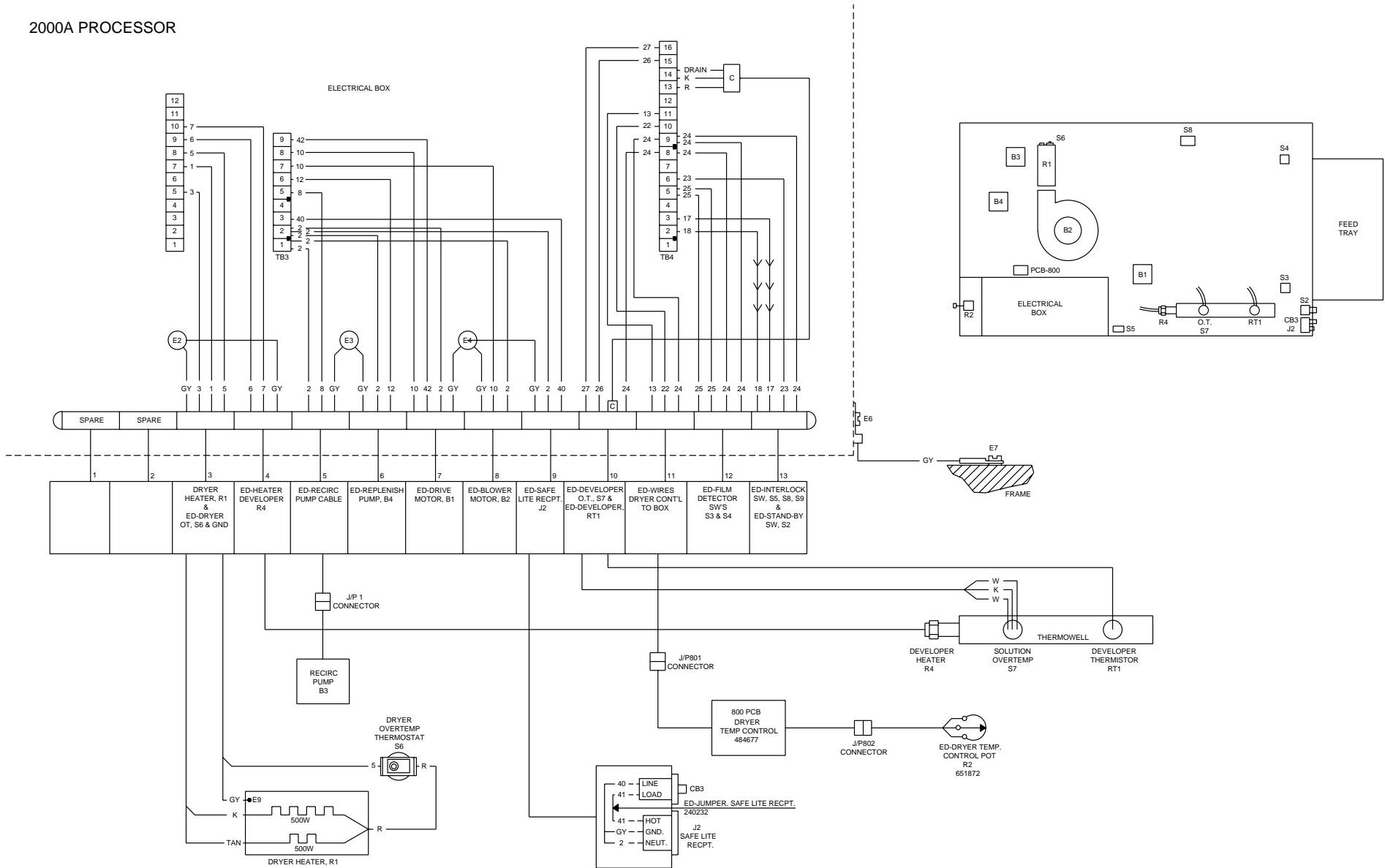
2000 PROCESSOR



H172_0008FC_

2000A PROCESSOR

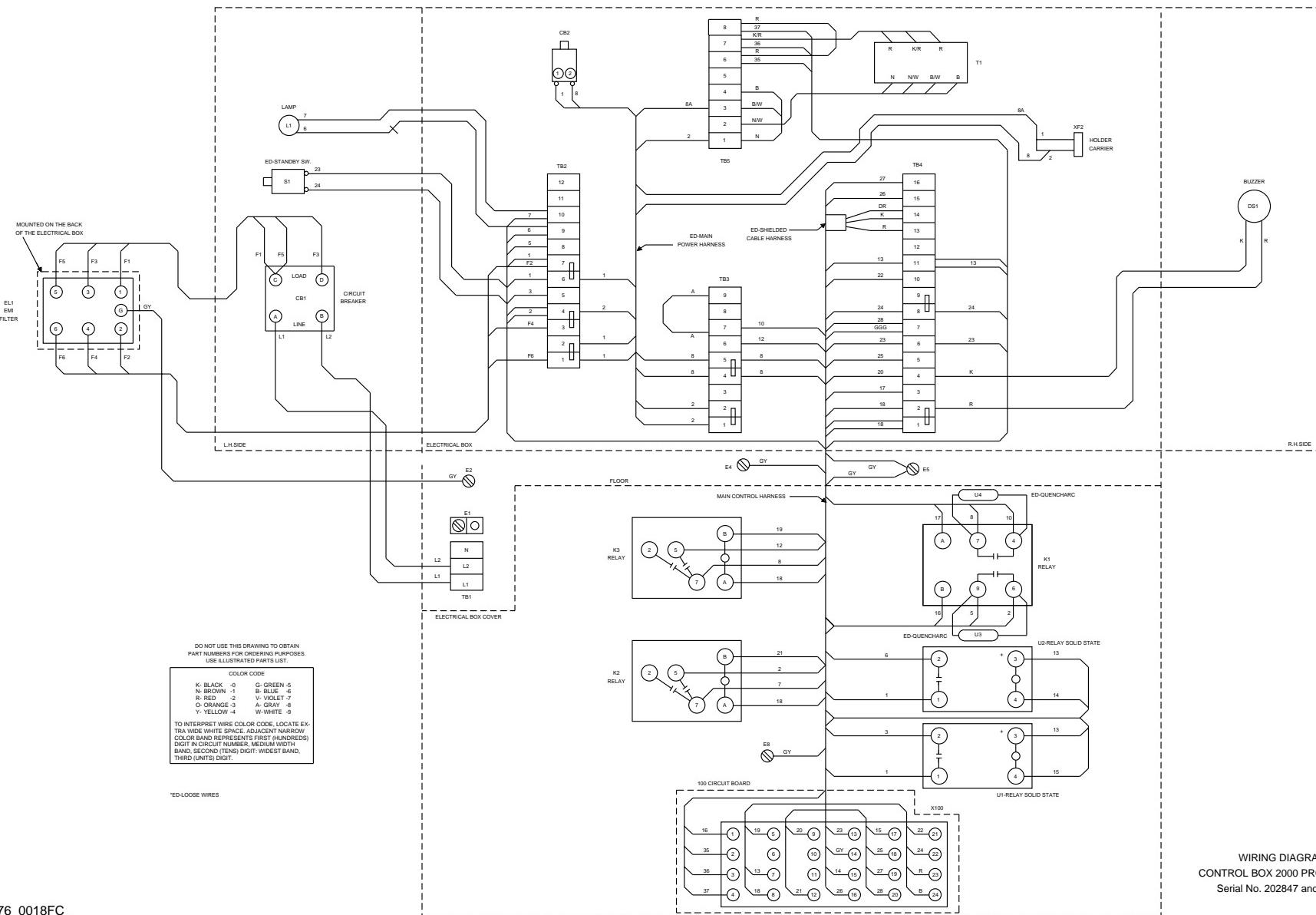
2000A PROCESSOR



H172_0009FC_

DIAGRAMS

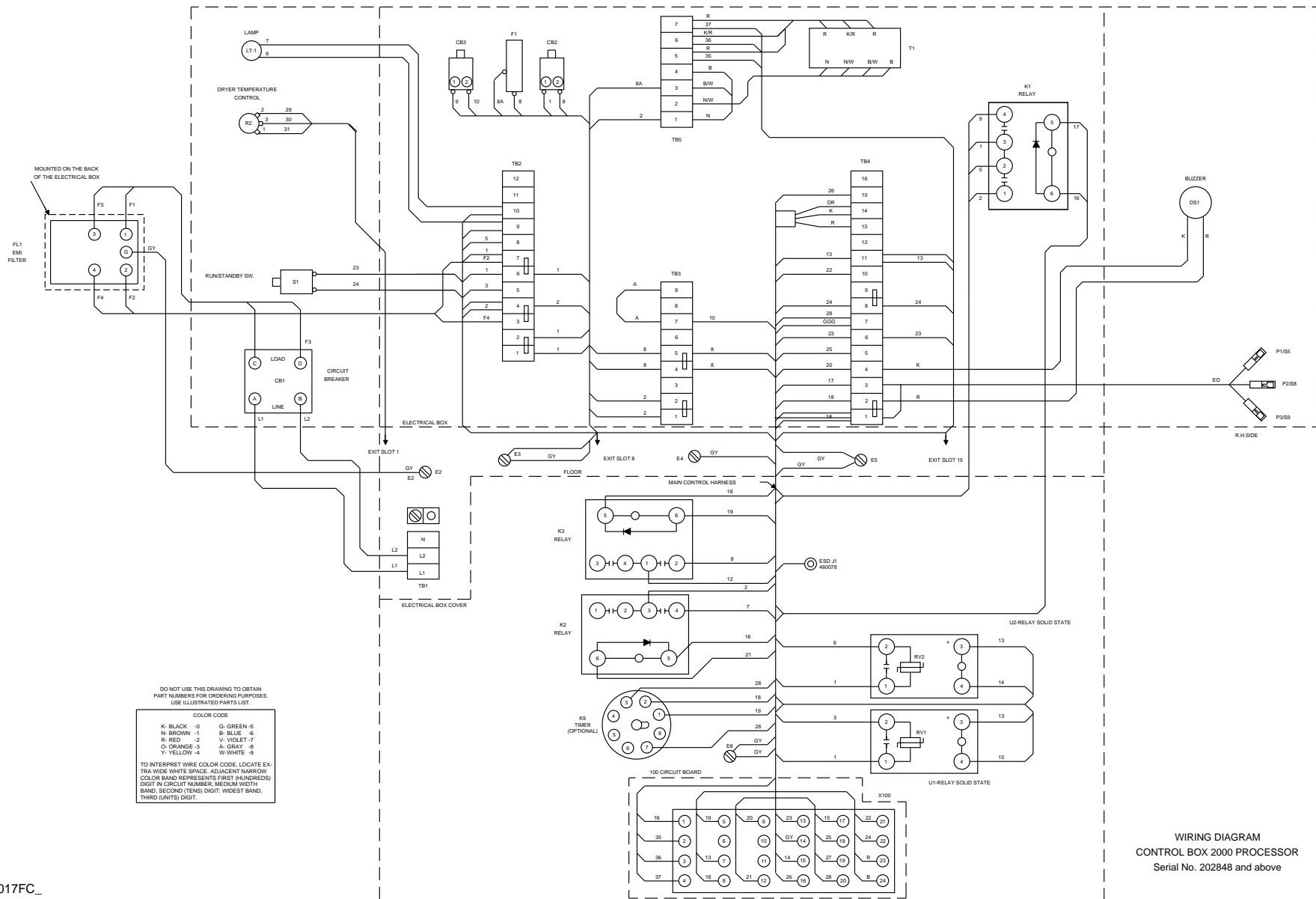
CONTROL BOX - 2000 PROCESSOR, Serial No. 202847 and Below



WIRING DIAGRAM
CONTROL BOX 2000 PROCESSOR
Serial No. 202847 and below

H176_0018FC_

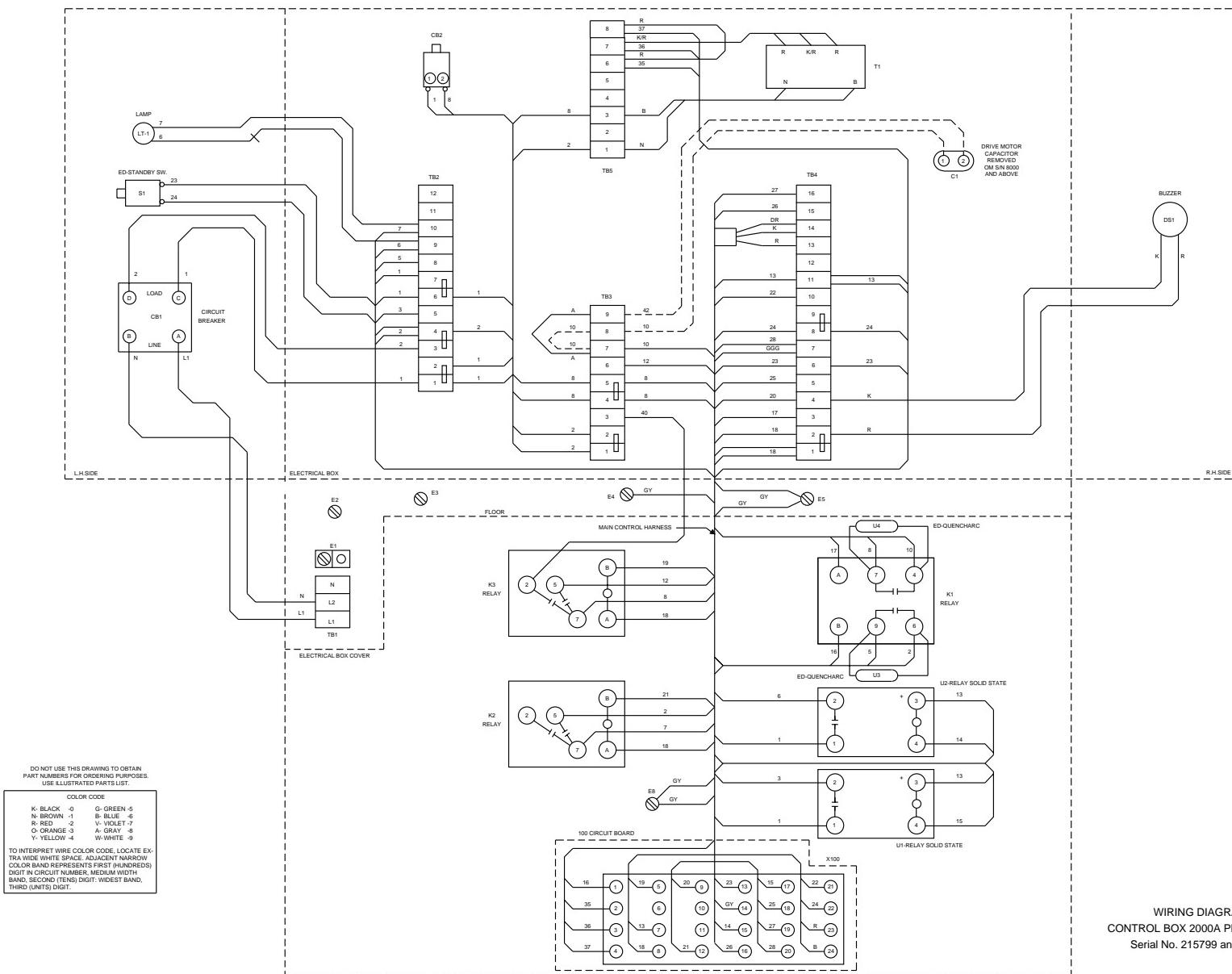
CONTROL BOX - 2000 PROCESSOR, Serial No. 202848 and Above



H176_0017FC_

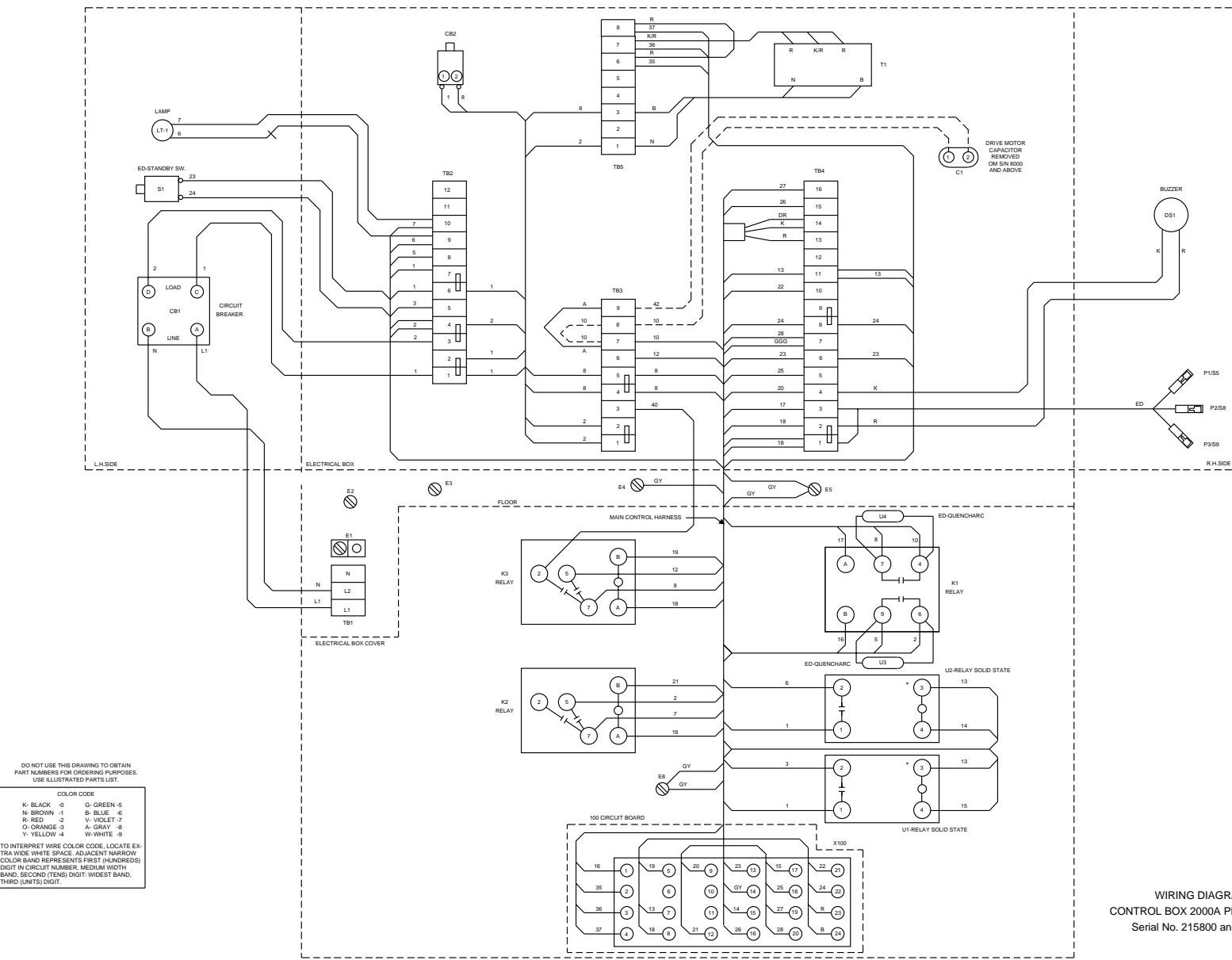
DIAGRAMS

CONTROL BOX - 2000A PROCESSOR, Serial No. 215799 and Below



H176_0016FC_

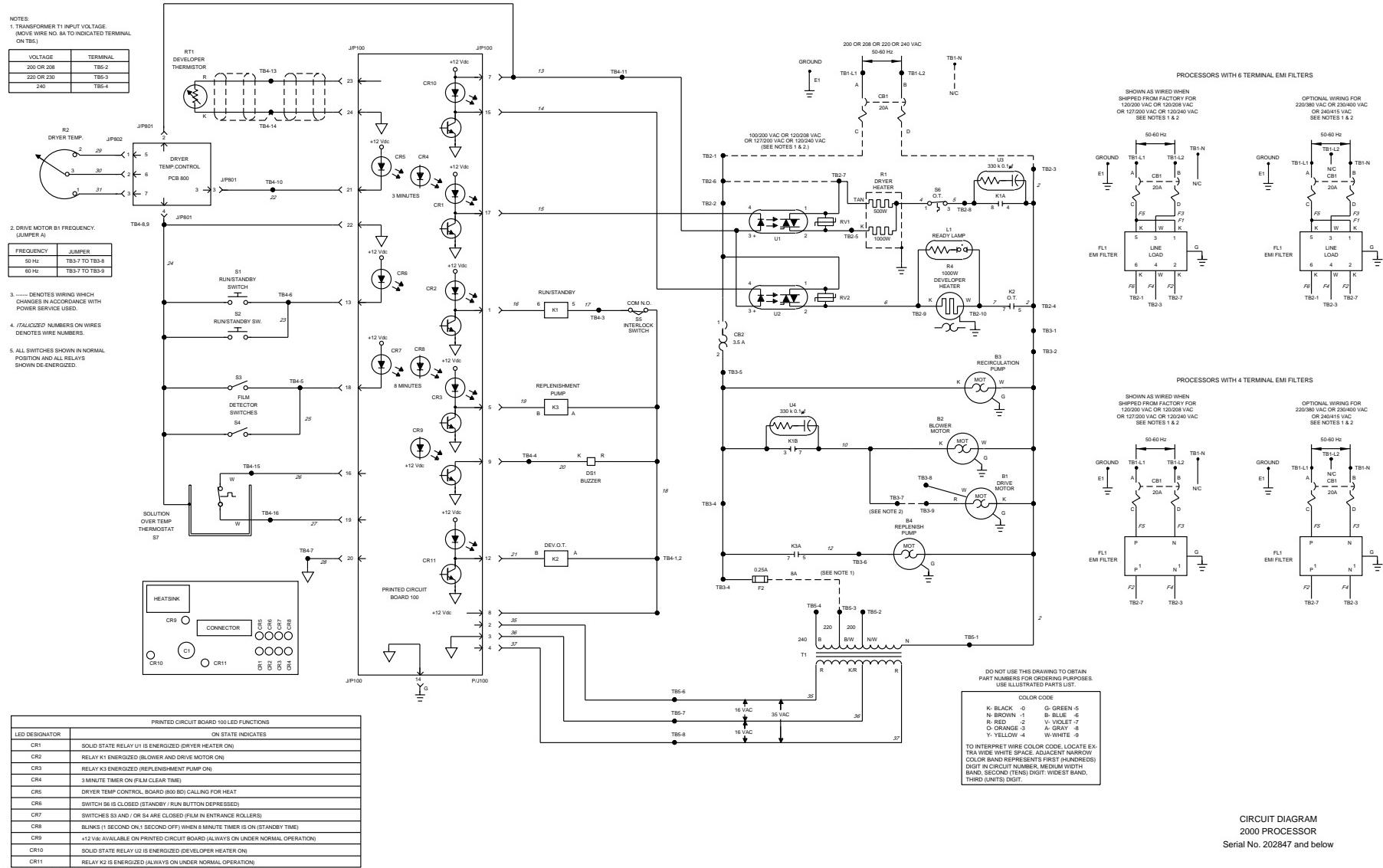
CONTROL BOX - 2000A PROCESSOR, Serial No. 215800 and Above



DIAGRAMS

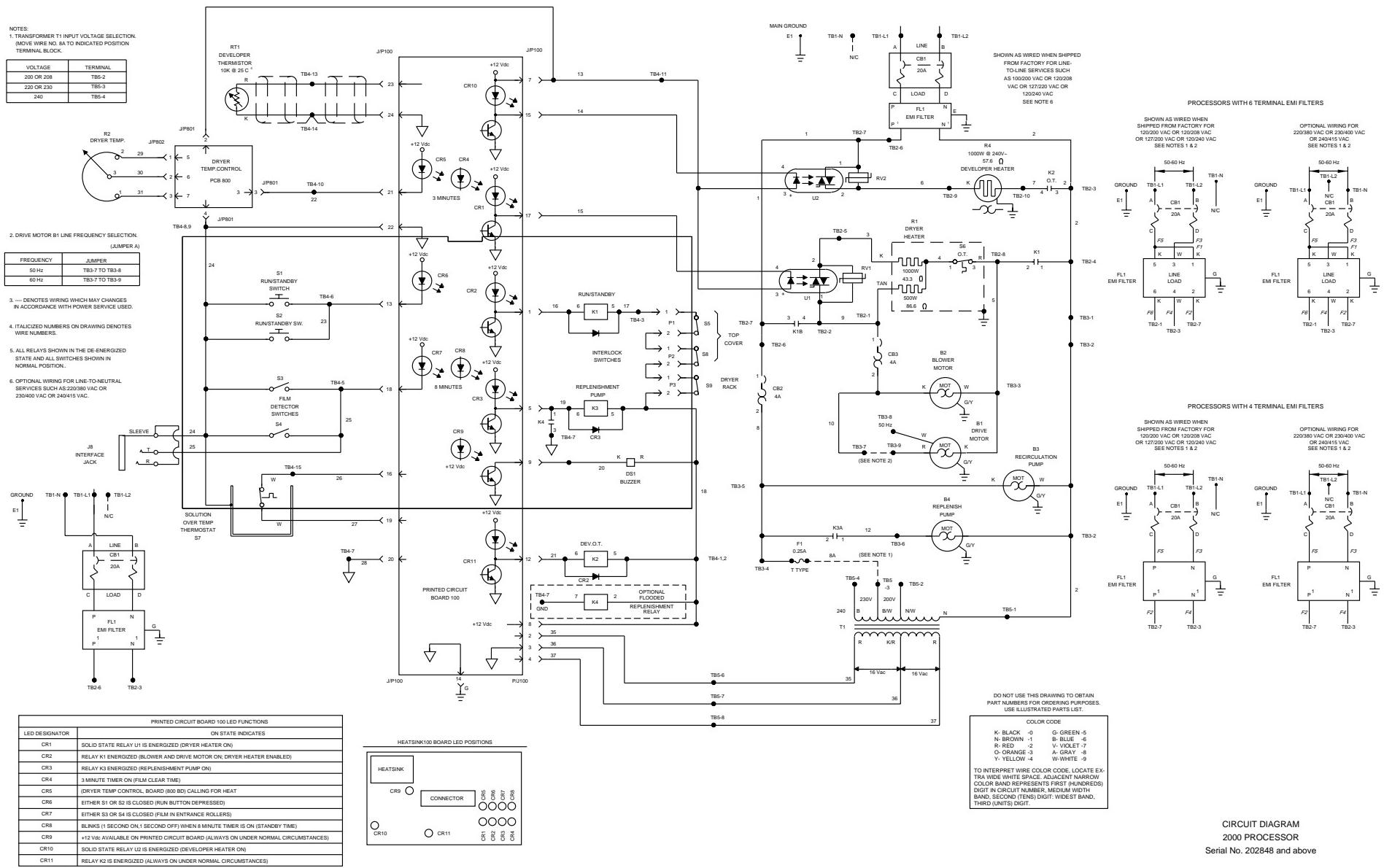
Section 2: Schematic

2000 PROCESSOR - Serial No. 202847 and Below



H176_0011FC

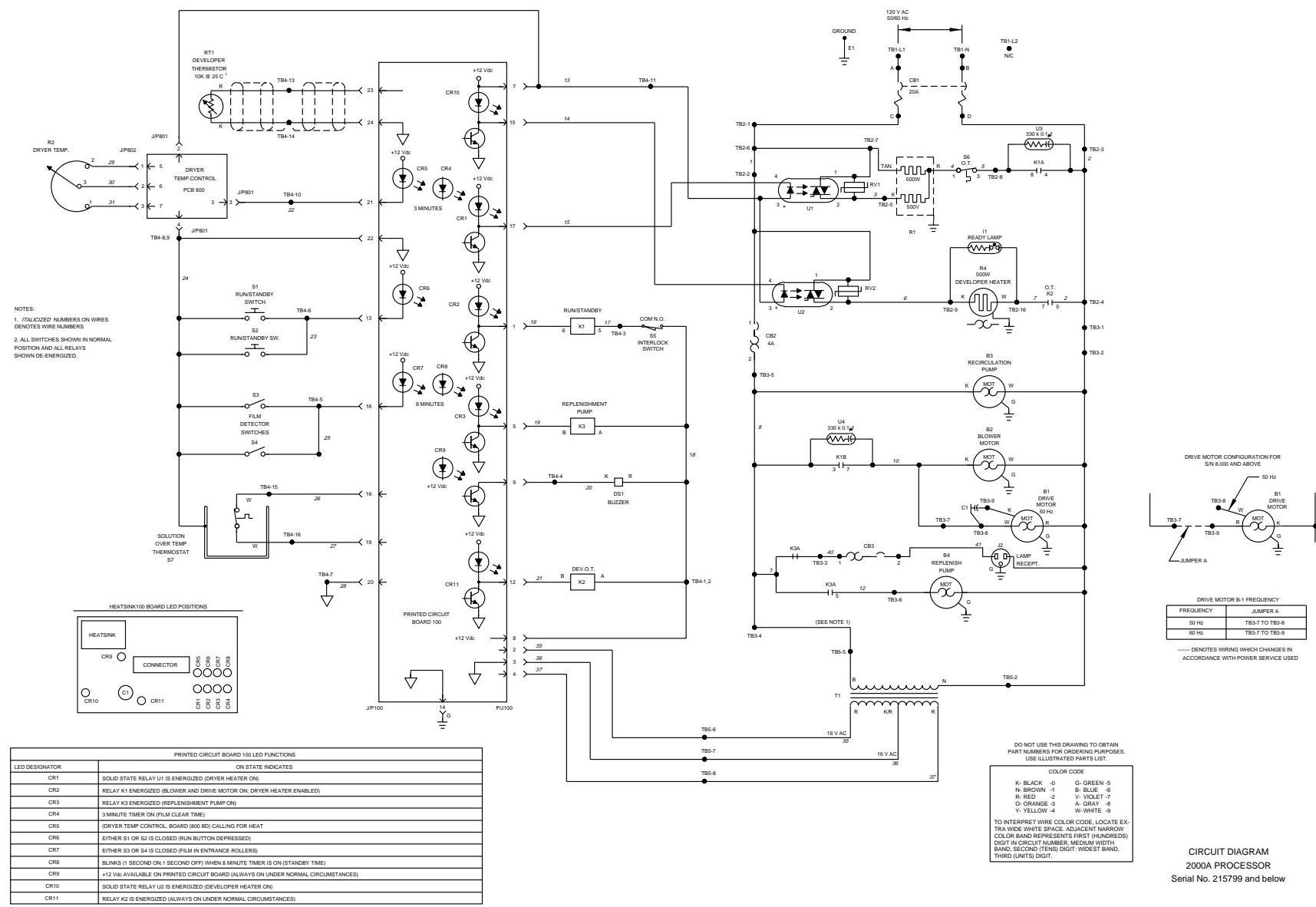
2000 PROCESSOR - Serial No. 202848 and Above



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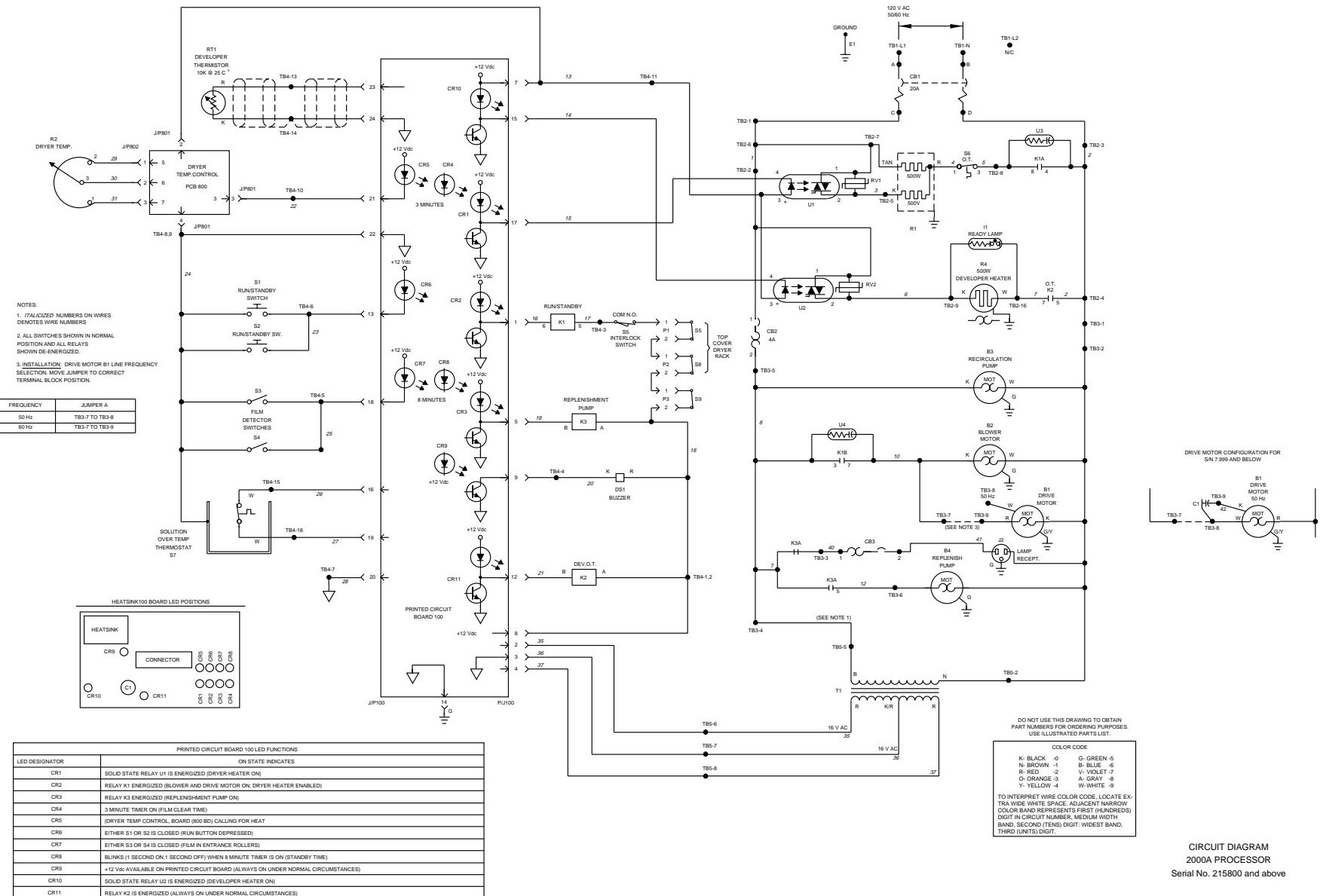
DIAGRAMS

2000A PROCESSOR - Serial No. 215799 and Below



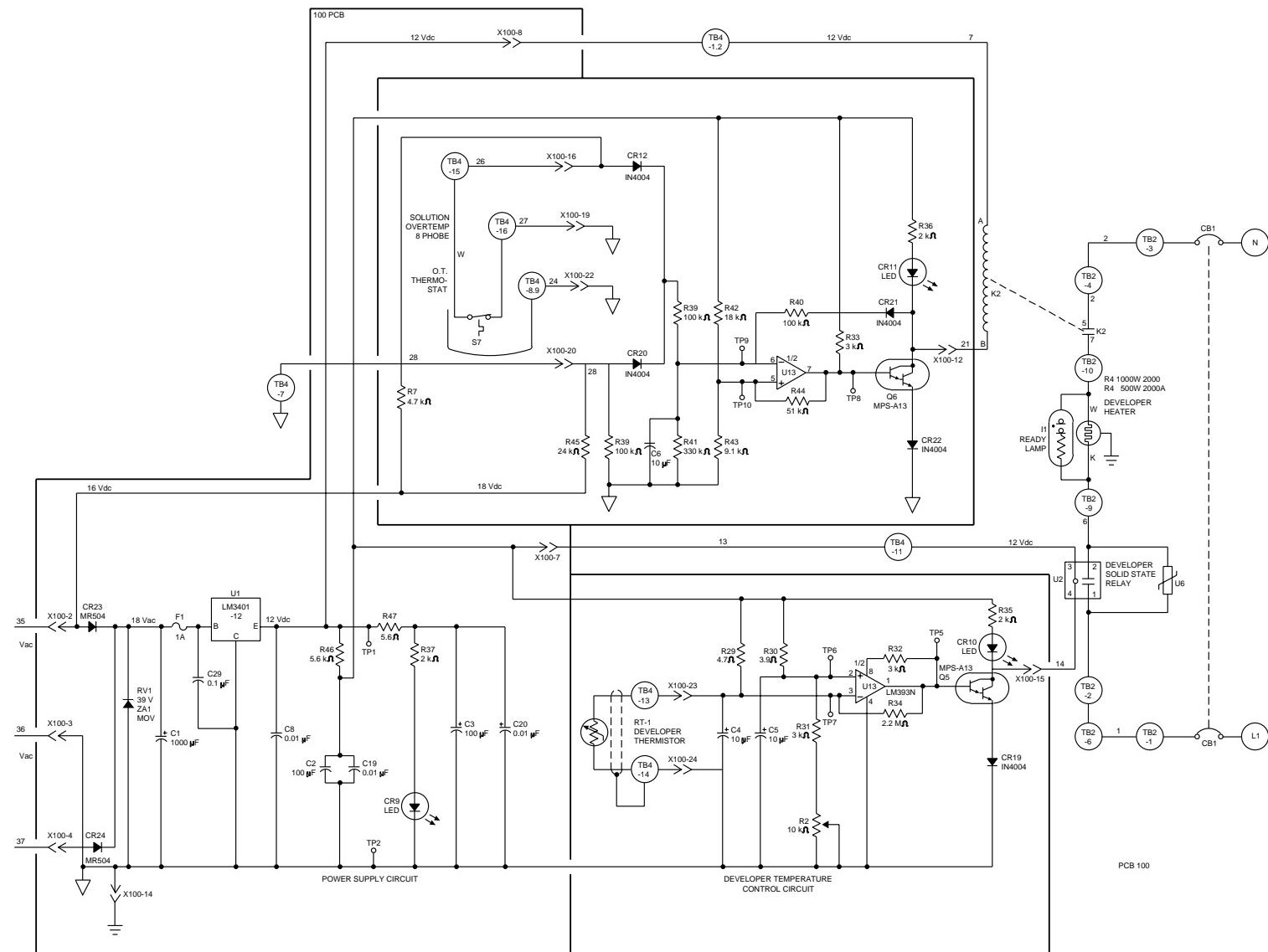
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2000A PROCESSOR - Serial No. 215800 and Above



Developer Temperature Control System - 2000/2000A PROCESSORS

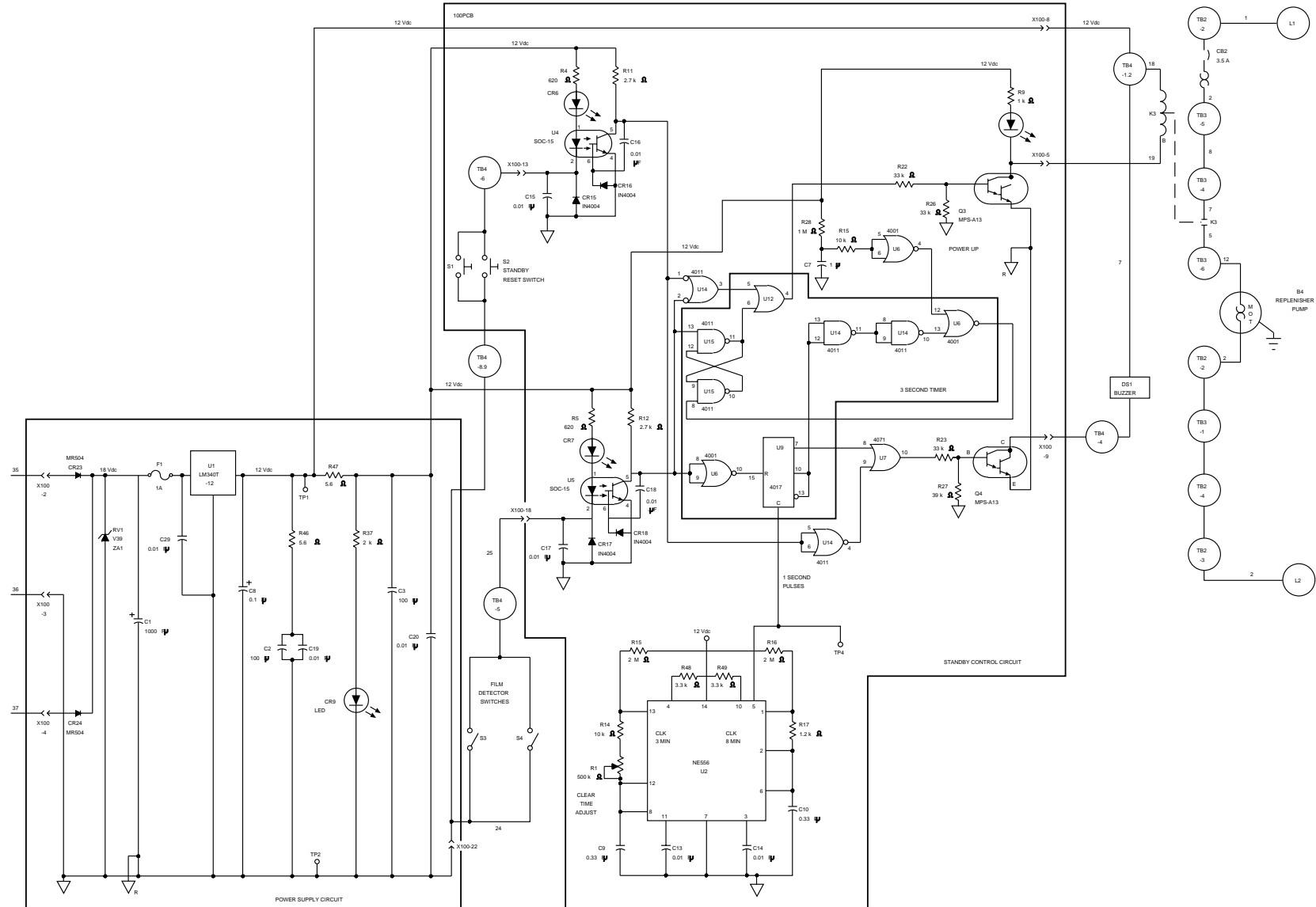
Developer Temperature Control System for the 2000/2000A PROCESSOR



H172_0014FC_

Replenishment Control System - 2000/2000A PROCESSORS

Replenishment Control System for the 2000/2000A PROCESSOR



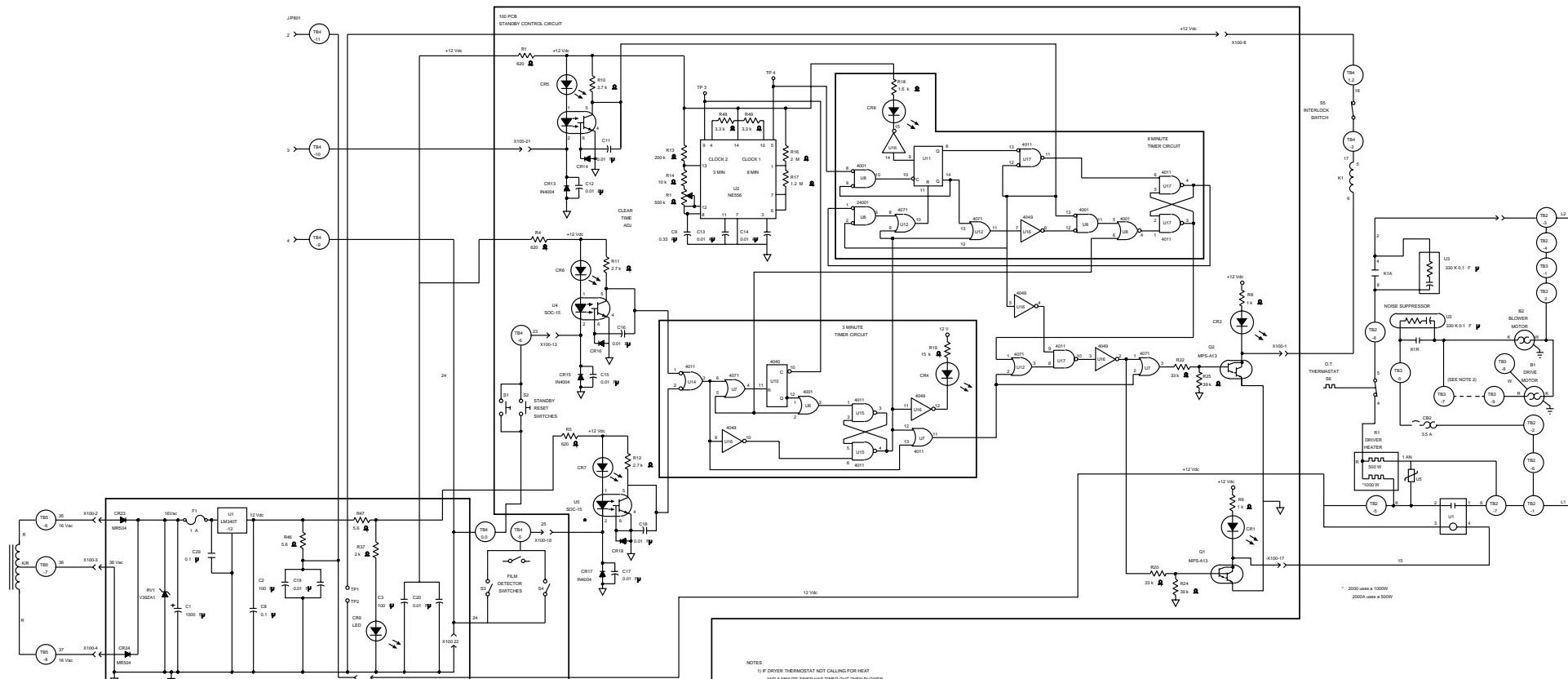
H172_0016FC_

DIAGRAMS

DRYER HEATER, Temperature Control System, and MAIN DRIVE MOTOR - 2000/2000A PROCESSORS

DRYER HEATER, Temperature Control System and MAIN DRIVE MOTOR for the 2000/2000A

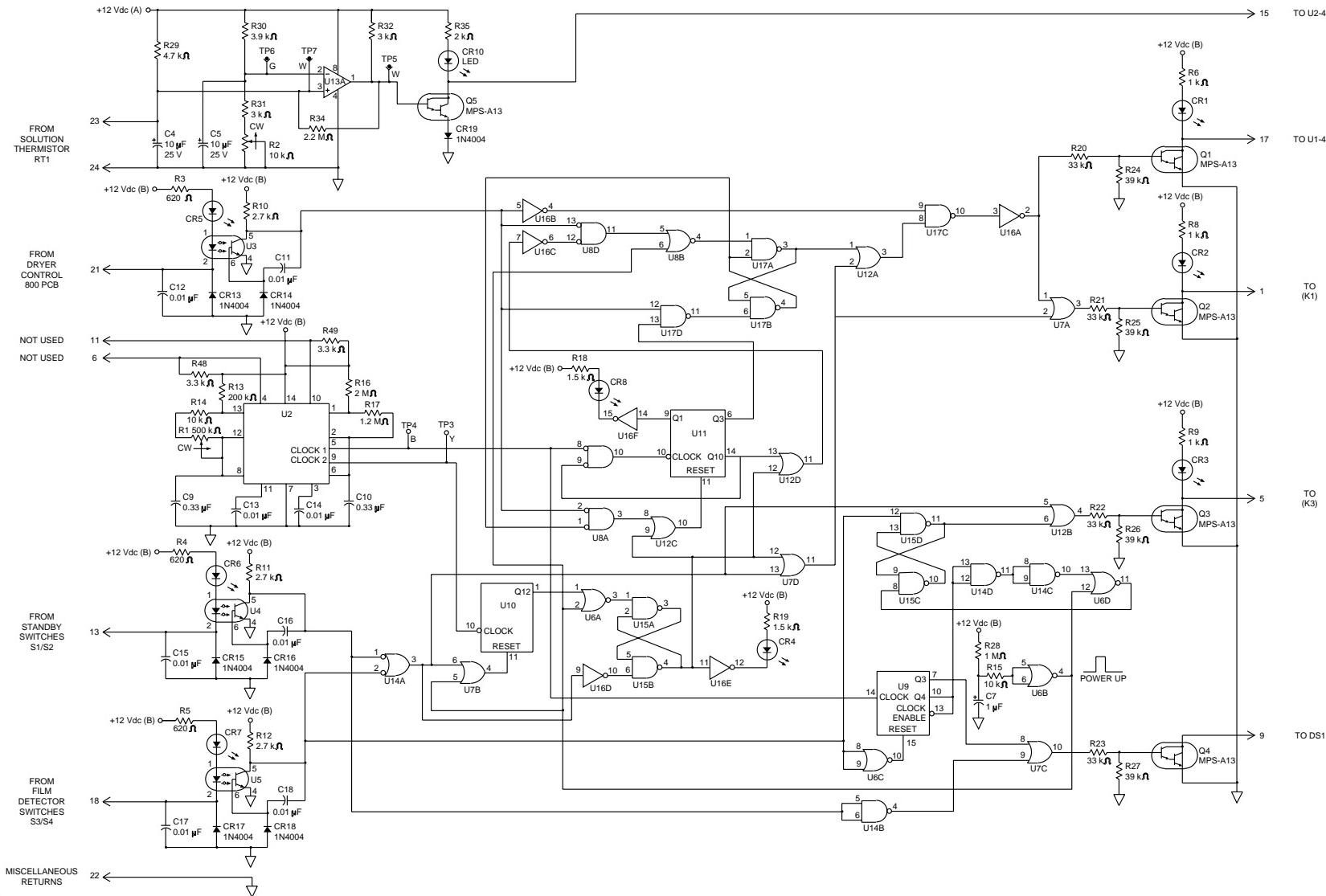
PROCESSOR



H172 0015FC

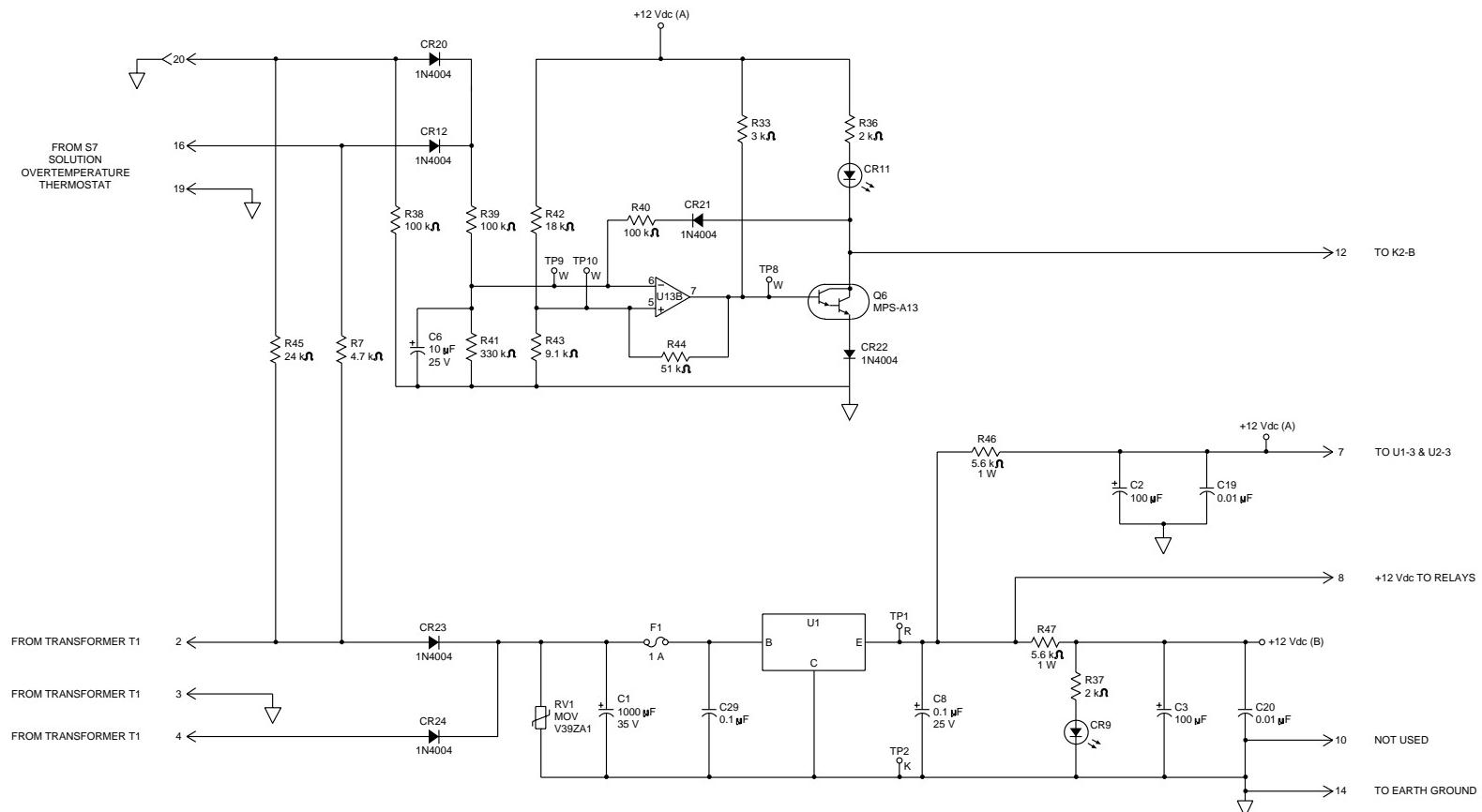
100 BOARD - 2000/2000A PROCESSORS

100 BOARD in the 2000/2000A PROCESSOR, 1 of 2



DIAGRAMS

100 BOARD in the 2000/2000A PROCESSOR, 2 of 2



H172_0012FC_

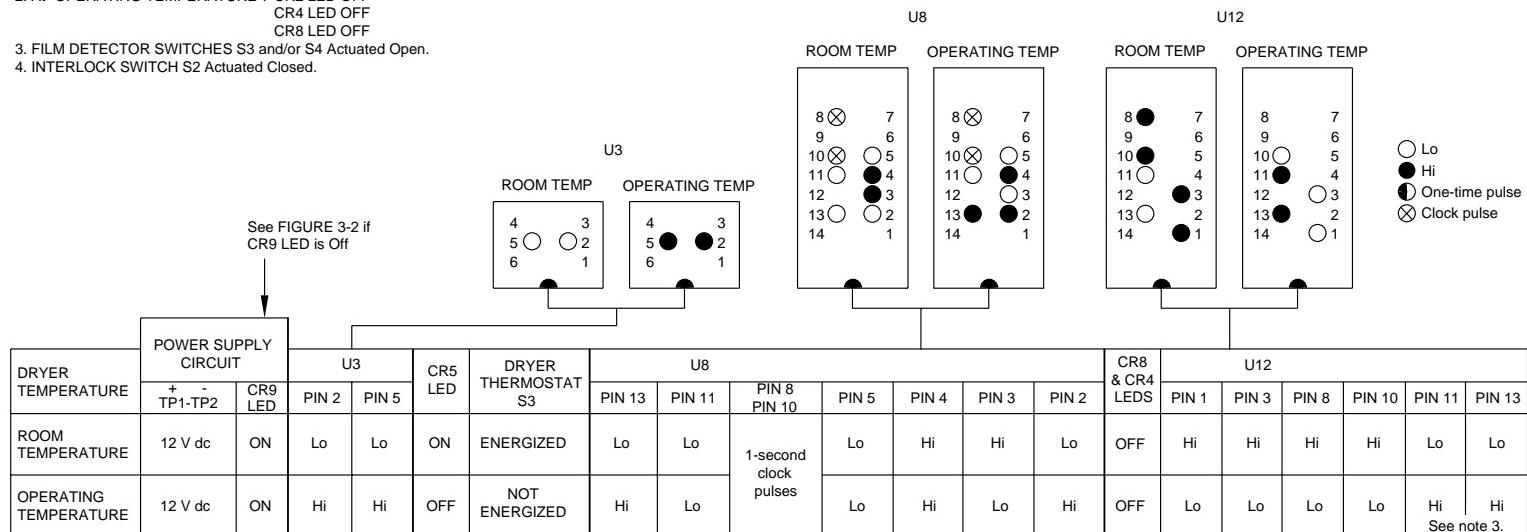
Section 3: Block

Dryer Temperature Control System and MAIN DRIVE - 2000A PROCESSOR

Dryer Temperature Control System and MAIN DRIVE for the 2000A PROCESSOR, 1of 2

FIRST, CHECK:

1. At "ROOM TEMPERATURE": CR2 LED ON
CR4 LED OFF
CR8 LED OFF
2. At "OPERATING TEMPERATURE": CR2 LED OFF
CR4 LED OFF
CR8 LED OFF
3. FILM DETECTOR SWITCHES S3 and/or S4 Actuated Open.
4. INTERLOCK SWITCH S2 Actuated Closed.

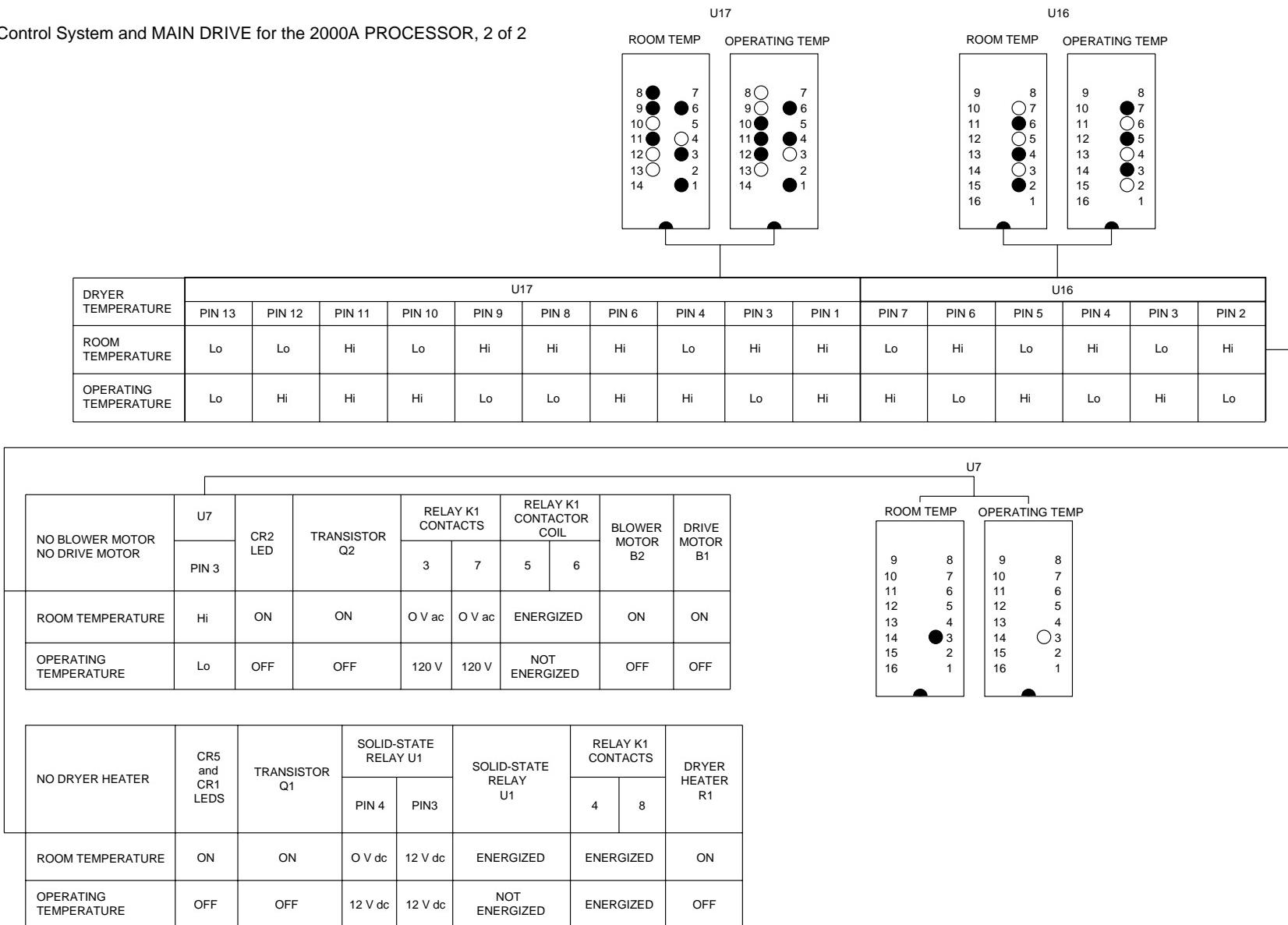


NOTES:

1. Voltages measured with respect to TP2 unless otherwise noted.
2. Voltages measured by a multimeter with an input impedance of 20,000 ohms per volt dc or more.
3. Goes Hi after 8-minute timer times out (CR8 LED is off).
4. Lo = Less than 1V dc
Hi = Greater than 10V dc

DIAGRAMS

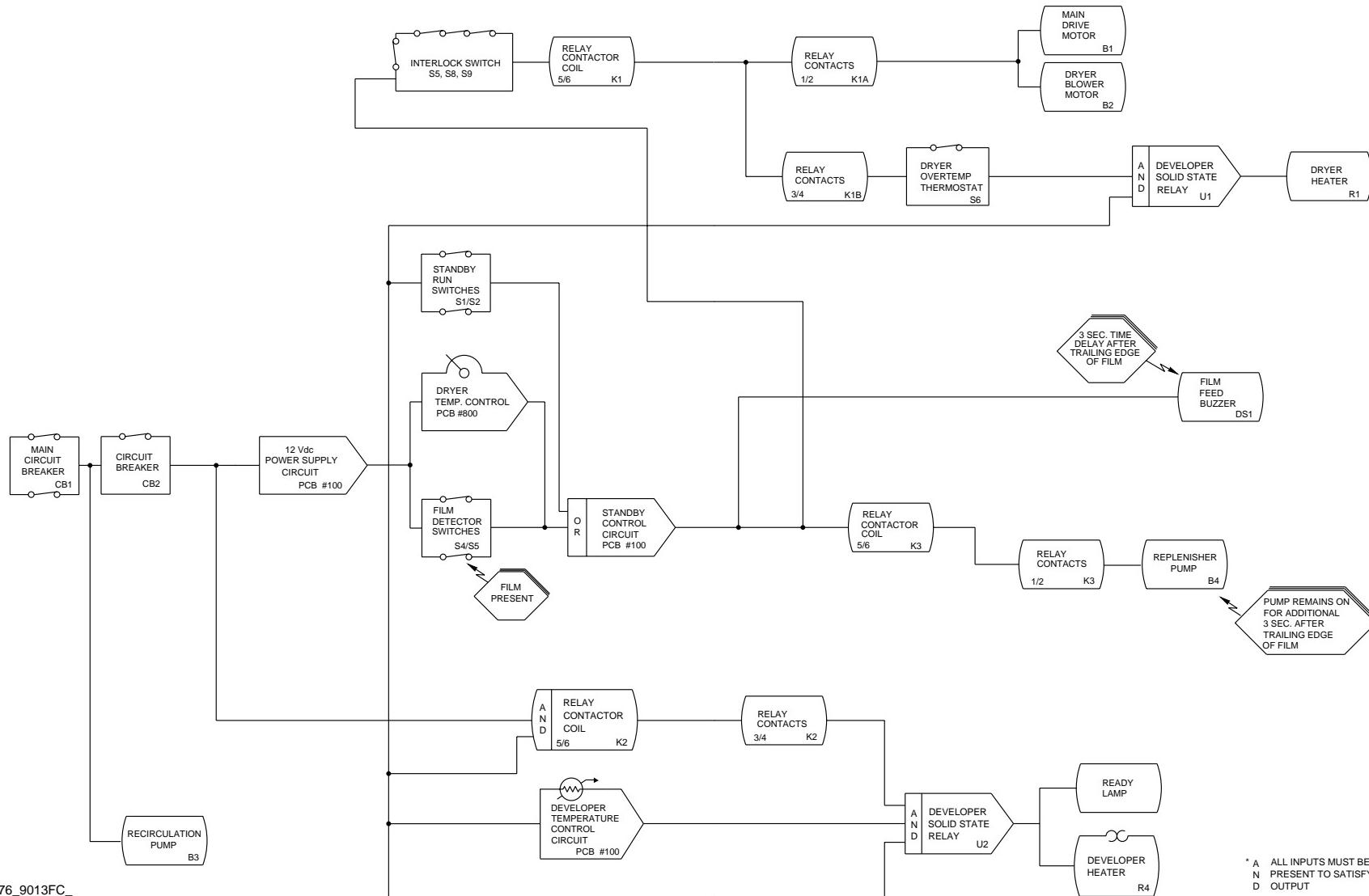
Dryer Temperature Control System and MAIN DRIVE for the 2000A PROCESSOR, 2 of 2



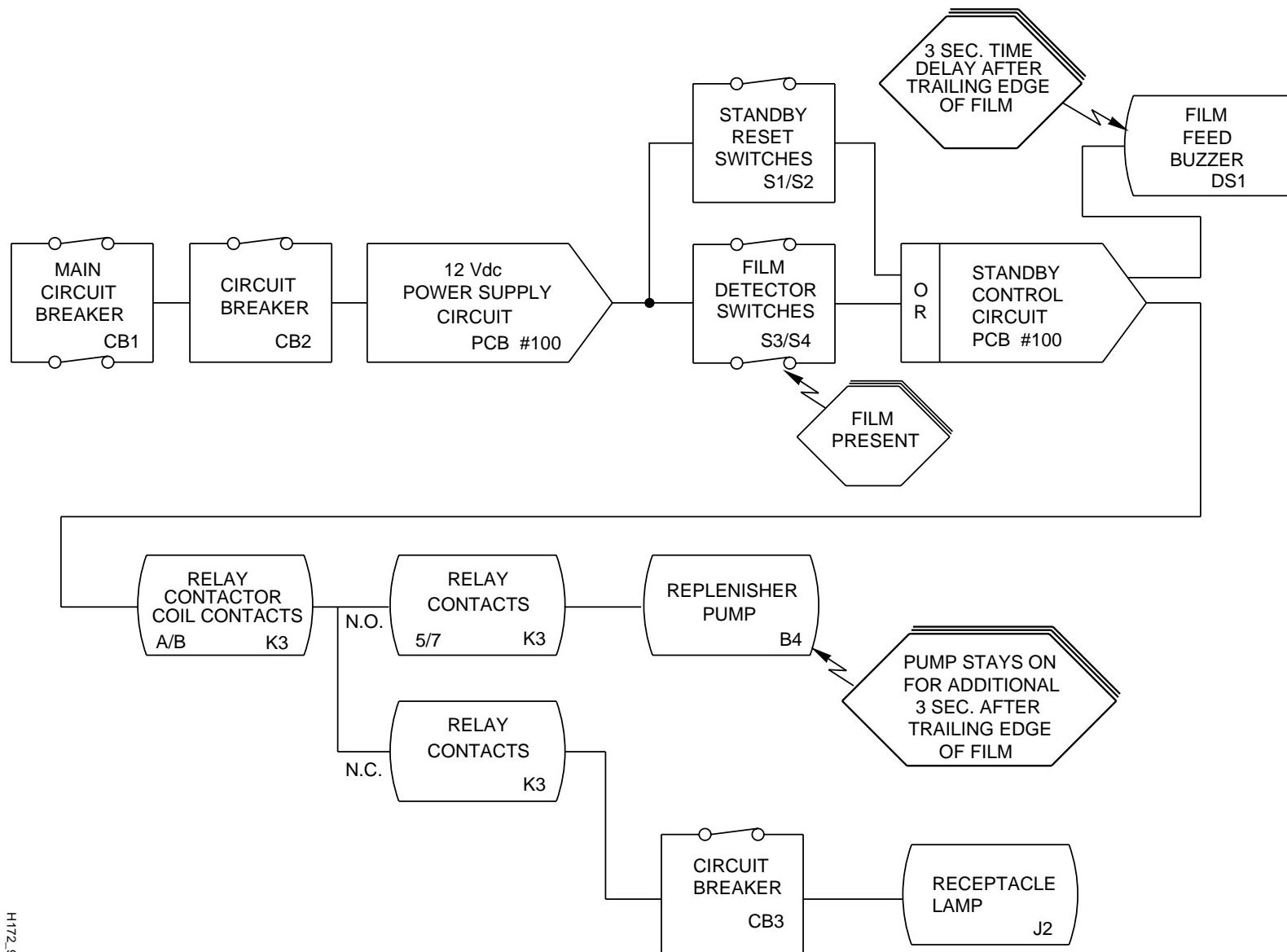
H172_0010FC_

Section 4: Functional

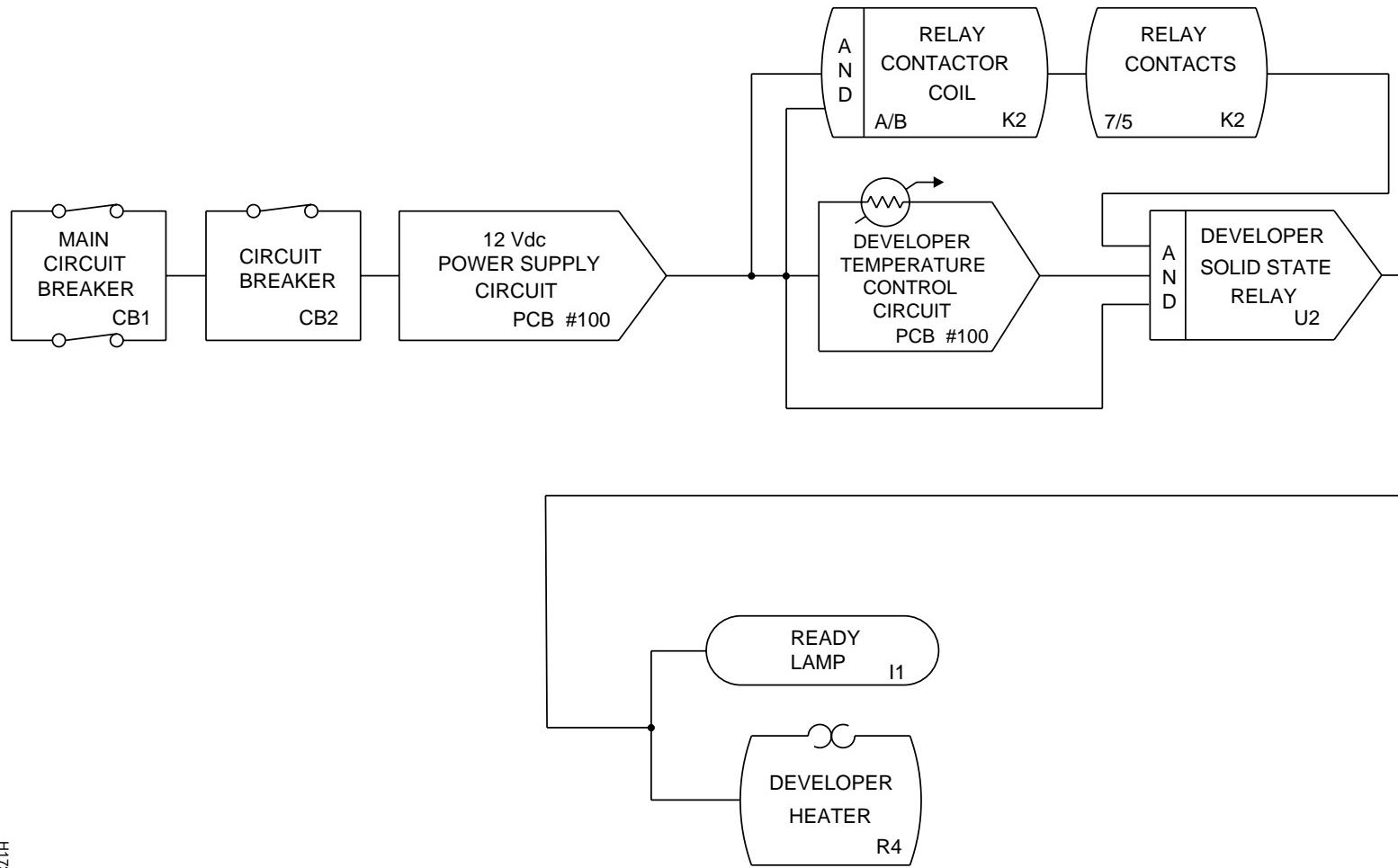
2000/2000A PROCESSORS



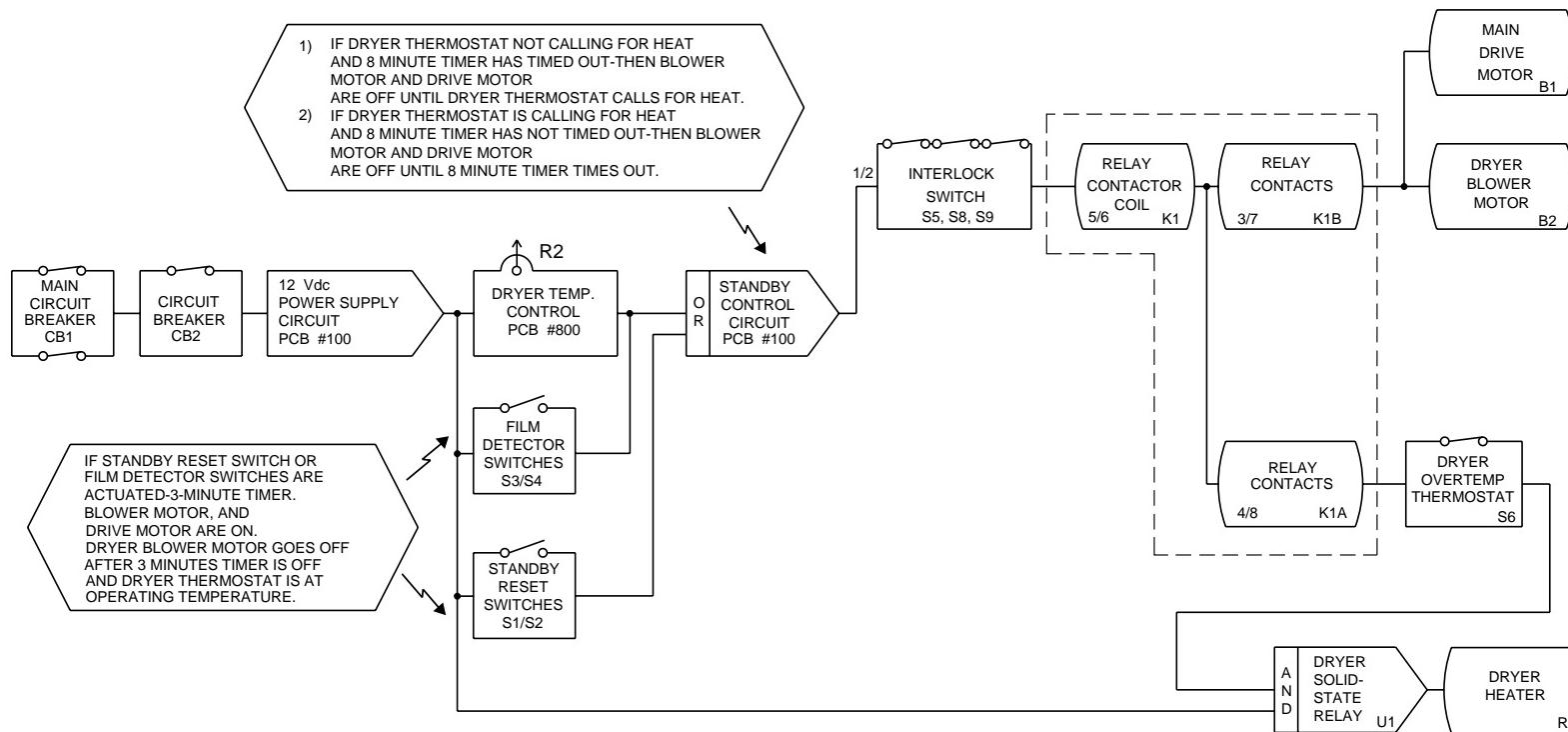
Film Feeding - 2000/2000A PROCESSORS



Developer Temperature Control System - 2000/2000A PROCESSORS

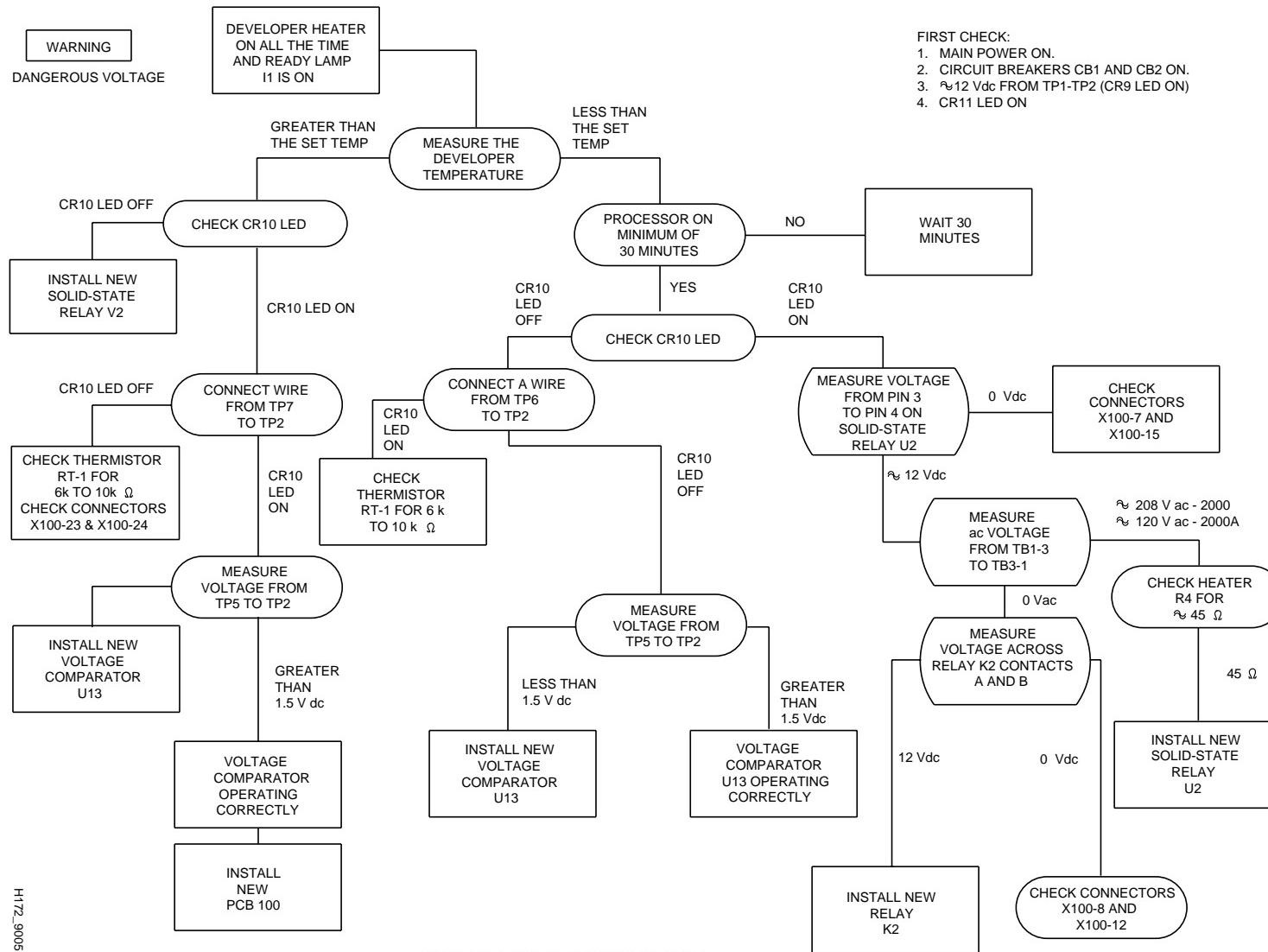


Temperature Control System for the DRYER and MAIN DRIVE MOTOR - 2000/2000A PROCESSORS

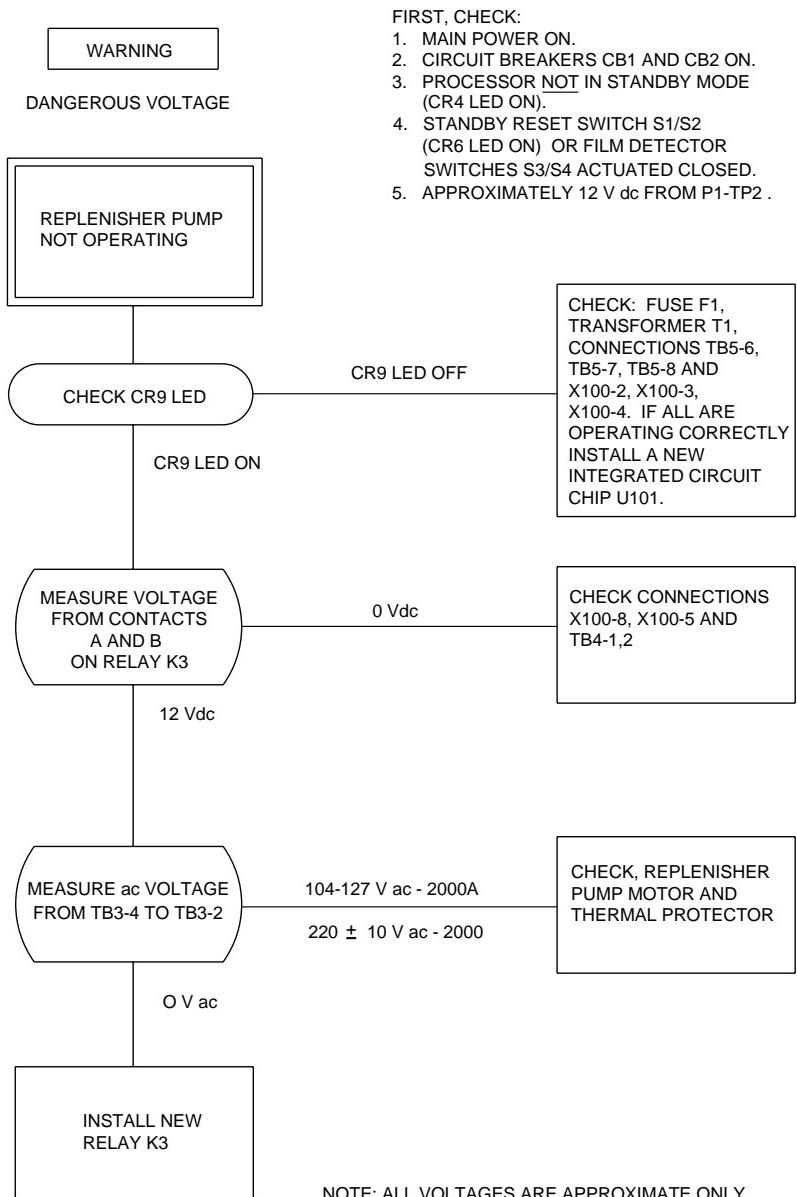


Section 5: Diagnostics

2000/2000A PROCESSORS

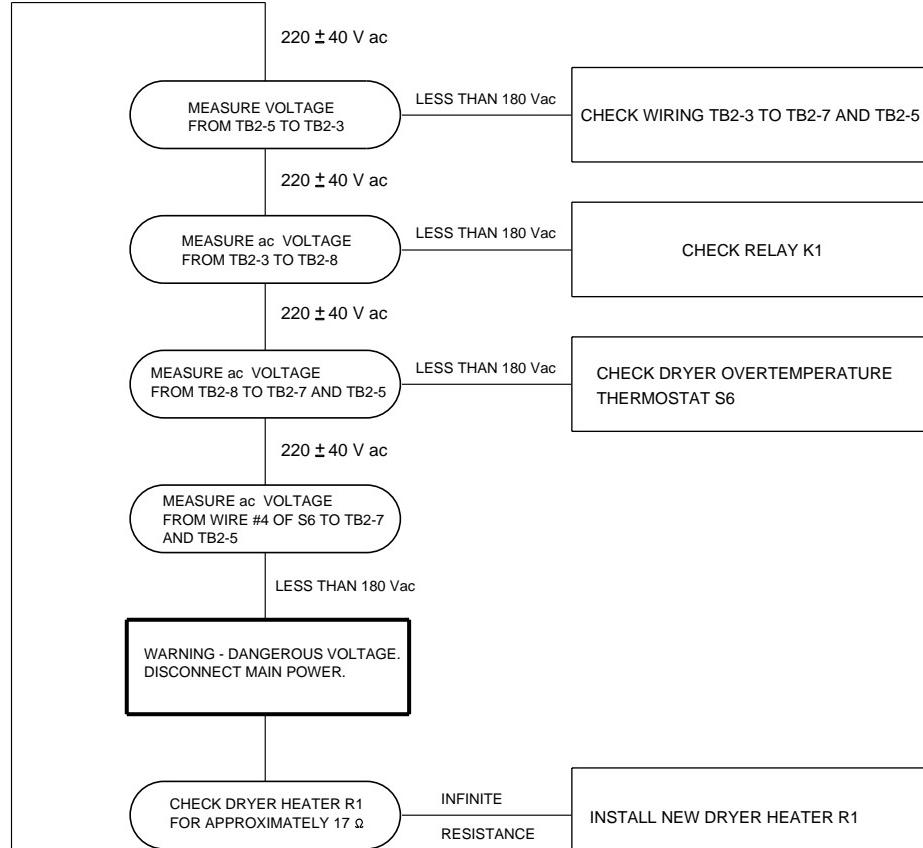
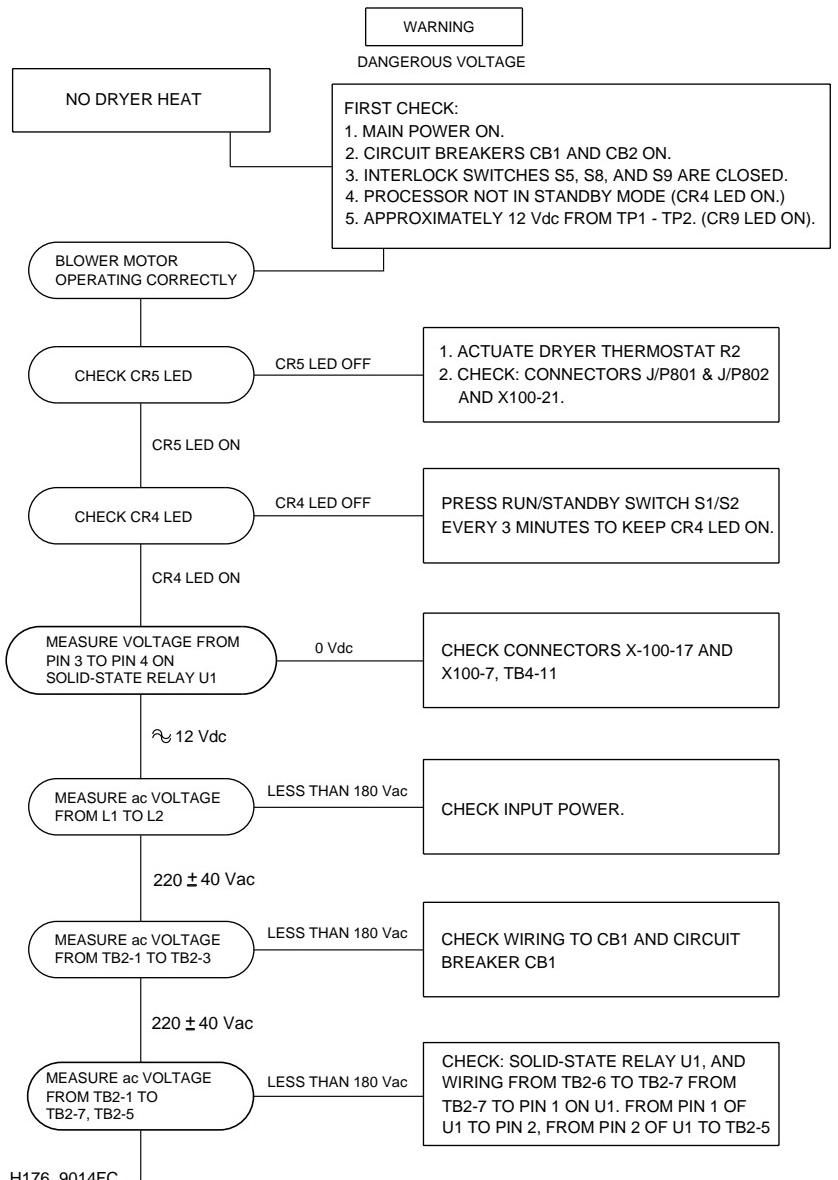


Replenishment Control System - 2000/2000A PROCESSORS



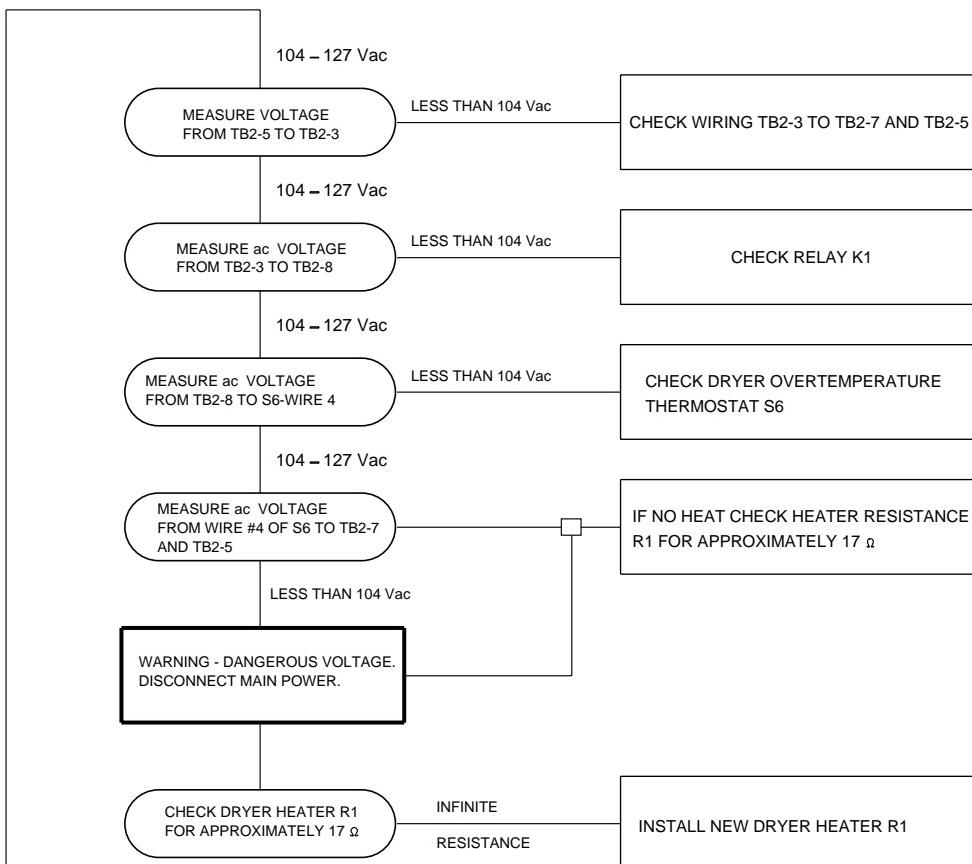
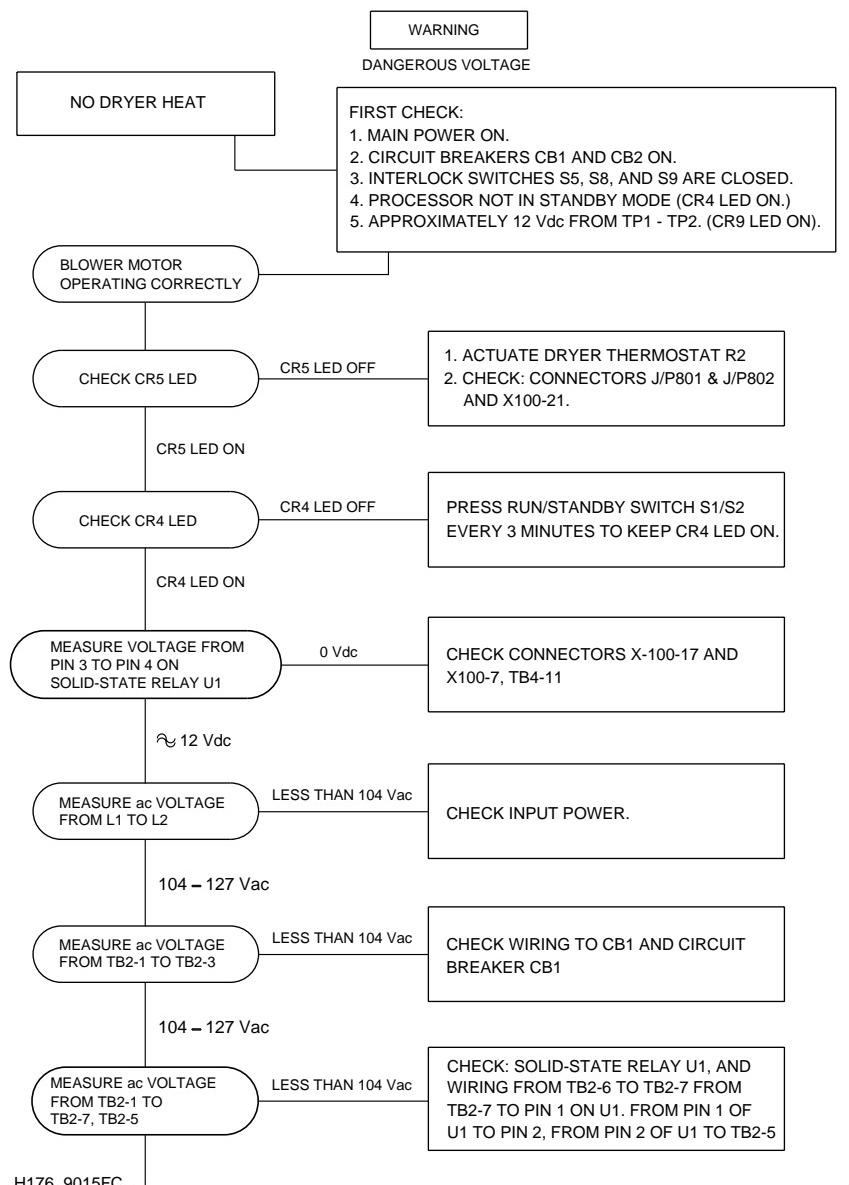
H172_9002EC

No Heat in the DRYER - 2000 PROCESSOR

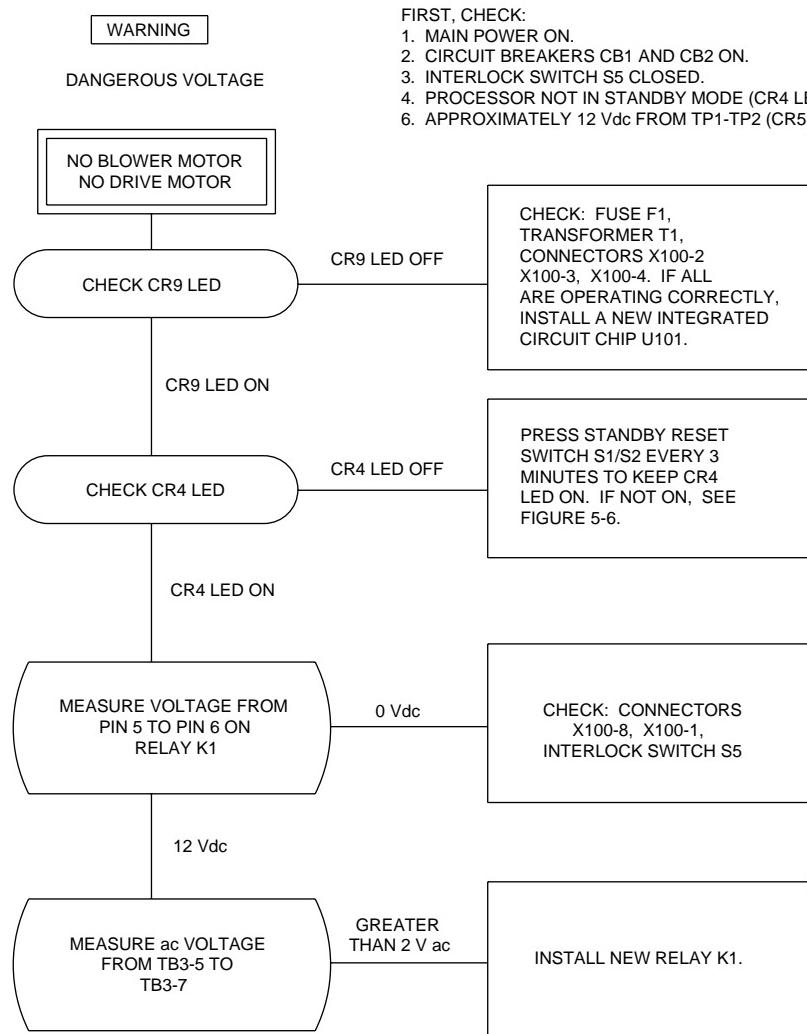


DIAGRAMS

No Heat in the DRYER - 2000A PROCESSOR



Malfunction of the BLOWER MOTOR or DRIVE MOTOR - 2000/2000A PROCESSORS



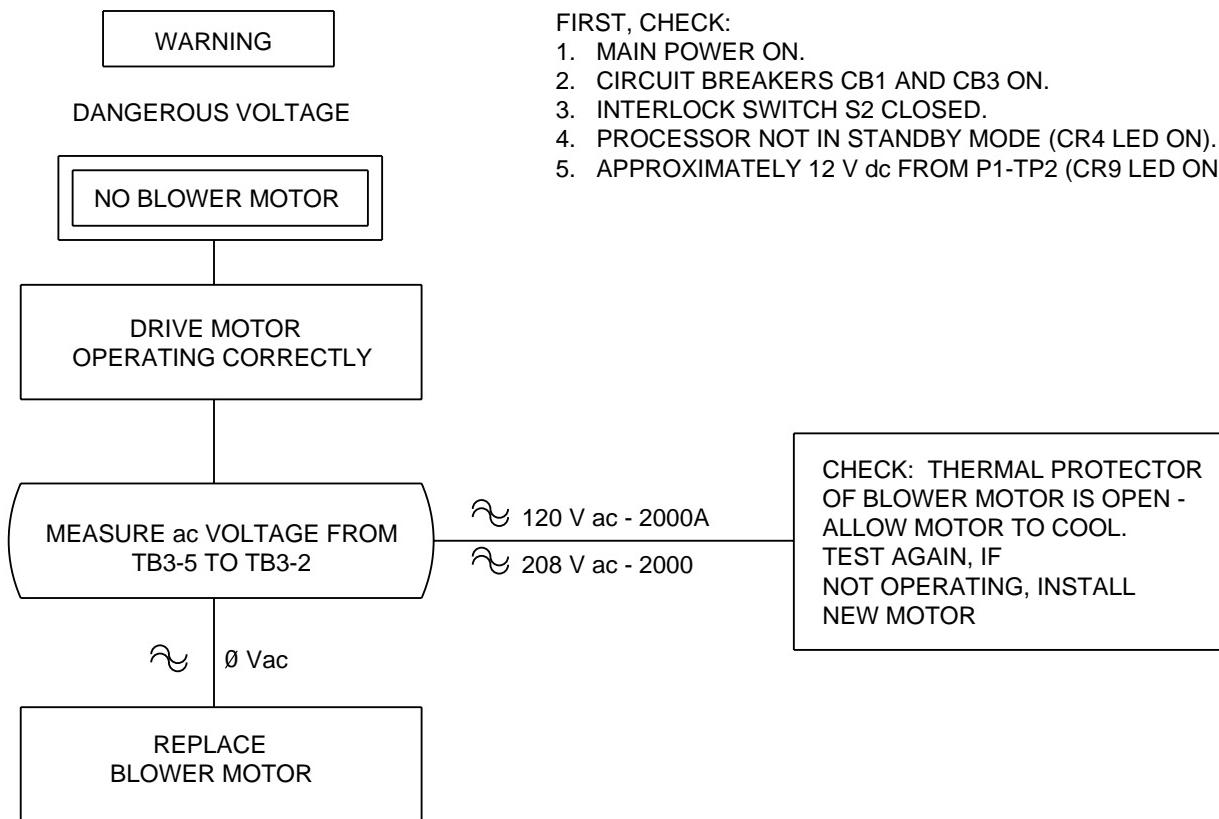
NOTE:

ALL VOLTAGES ARE APPROXIMATE ONLY

DIAGNOSTIC FLOWCHART FOR THE DRYER TEMPERATURE CONTROL, AND MAIN DRIVE.

H172_0003EC_

Malfunction of the BLOWER MOTOR - 2000/2000A PROCESSORS

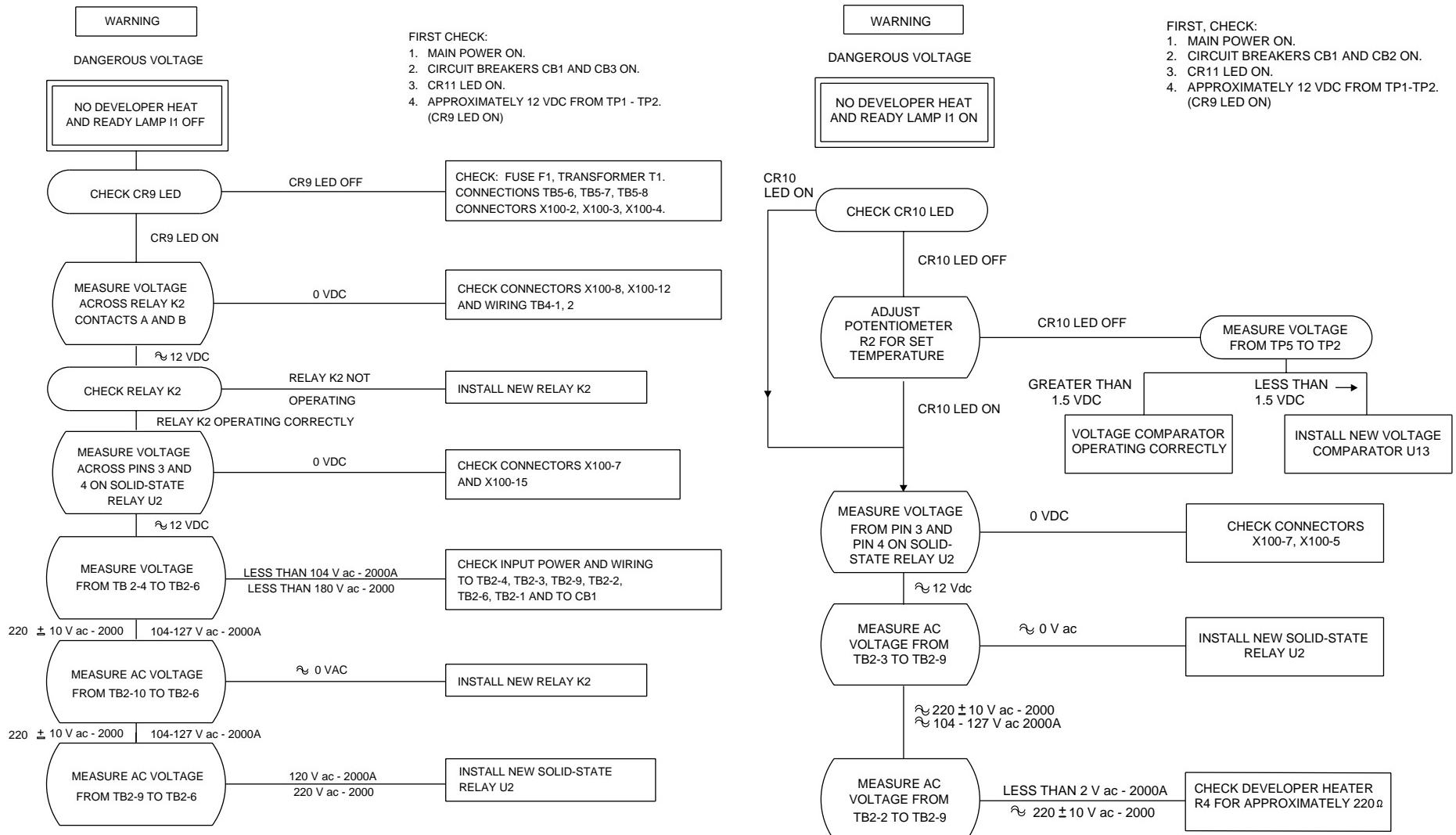


NOTE:

ALL VOLTAGES ARE APPROXIMATE ONLY.
 DIAGNOSTIC FLOWCHART FOR THE DRYER
 TEMPERATURE CONTROL, AND MAIN DRIVE

H172_9000DC

Malfunction of the Developer Temperature Control System and the TEMPERATURE READY LIGHT - 2000/2000A PROCESSORS



NOTE: ALL VOLTAGES ARE APPROXIMATE ONLY.
DIAGNOSTIC FLOWCHART FOR THE DEVELOPER TEMPERATURE CONTROL.

NOTE: ALL VOLTAGES ARE APPROXIMATE ONLY.

H172_9003EC

DIAGRAMS

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